

FIGURE 1A

Compound No.	Structure	Compound No.	Structure
100	 <chem>CNCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	108	
101		109	
102		110	
103	 <chem>OCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	111	 <chem>O=C(C([H])=O)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
104		112	
105		113	
106		114	
107	 <chem>O=C(OCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)CBr</chem>	115	 <chem>CC(C(=O)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)=O</chem>

FIGURE 1B

116	 <chem>O=C(NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C=C</chem>	124	 <chem>O=C(C(F)(F)F)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
117	 <chem>O=C(NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C(C)=C</chem>	125	 <chem>O=C(NC(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C(C)=C</chem>
118	 <chem>C=C(C(NC)C(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C=C</chem>	126	 <chem>COC(CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C=C</chem>
119	 <chem>O=C(NC(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C(C)=C</chem>	127	 <chem>OC(CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C=C</chem>
120	 <chem>O=C(OCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C=C</chem>	128	 <chem>O=C(F)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
121	 <chem>O=C(OCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C(C)=C</chem>	129	 <chem>O=C(Cl)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
122	 <chem>O=C(OCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C(C#N)=C</chem>	130	 <chem>O=C(Br)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
123	 <chem>O=C(NC(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)C(C#N)=C</chem>	131	 <chem>O=C(N1C=NC=C1)CC2=CC=C(N3N=NC(COC4OCCCC4)=C3)C=C2</chem>

FIGURE 1C

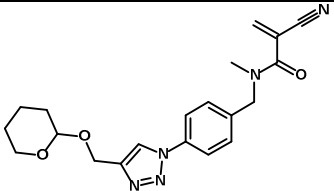
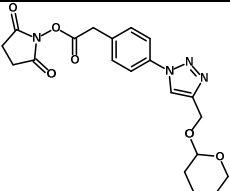
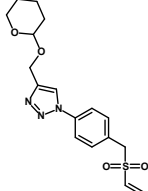
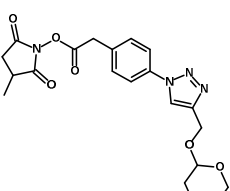
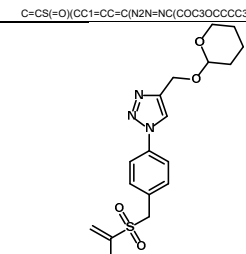
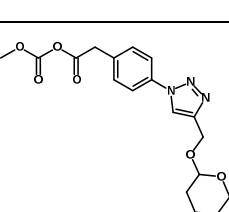
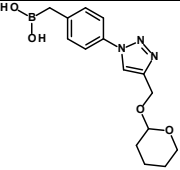
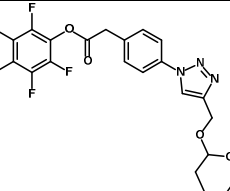
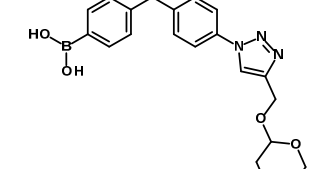
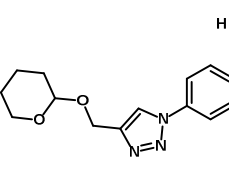
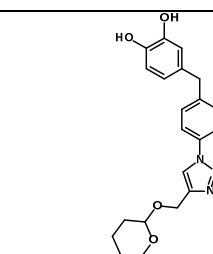
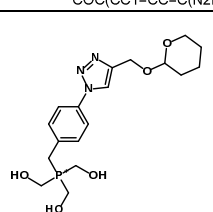
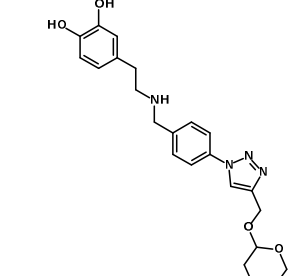
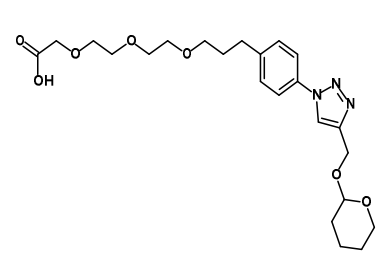
132		139	
133	 <chem>C=CS(=O)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1=O</chem>	140	
134		141	 <chem>O=C(OC(OC)=O)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
135	 <chem>OB(O)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	142	
136		143	 <chem>COC(CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
137		144	
138		145	

FIGURE 1D

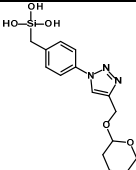
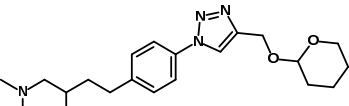
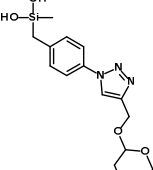
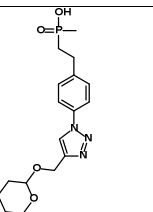
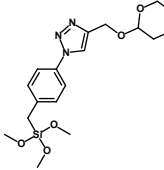
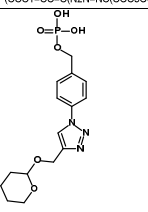
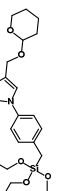
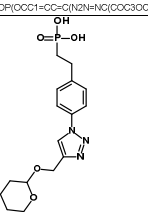
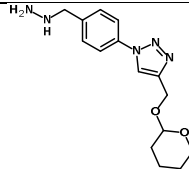
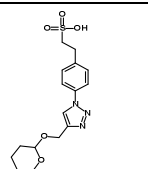
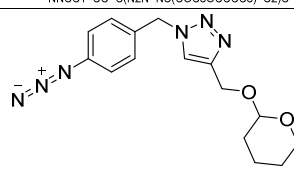
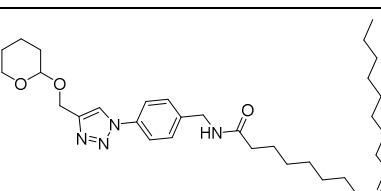
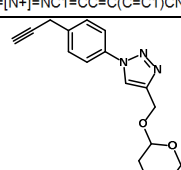
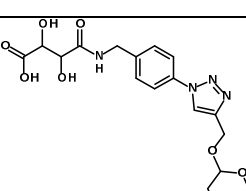
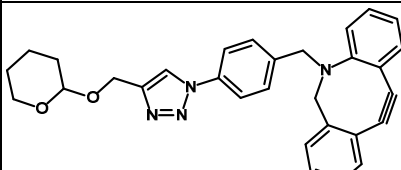
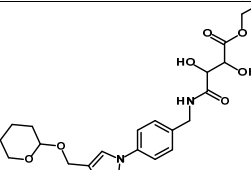
146	 <chem>O[Si](CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(O)O</chem>	154	 <chem>OC(CCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(O)O</chem>
147	 <chem>O[Si](CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(C)O</chem>	155	 <chem>OP(CCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(C)=O</chem>
148	 <chem>CO[Si](CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(OC)OC</chem>	156	 <chem>OP(CCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(O)=O</chem>
149		157	 <chem>OP(CCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(O)=O</chem>
150	 <chem>NNCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	158	 <chem>O=Si(CCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)(O)=O</chem>
151	 <chem>[N-]=[N+]=NC1=CC=C(C(C=C1)CN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	159	
152	 <chem>C#CCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	160	
153		161	

FIGURE 1E

162		169	
163		170	
164		171	
165		172	
166		173	
167		174	
168		175	

FIGURE 1F

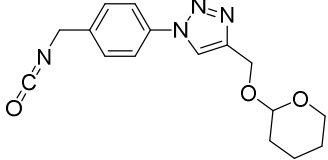
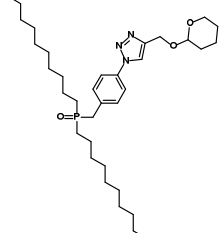
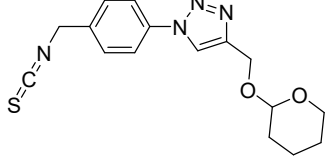
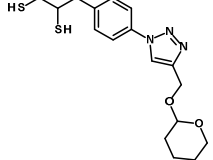
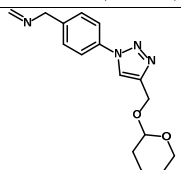
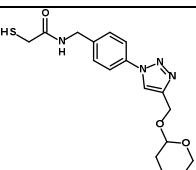
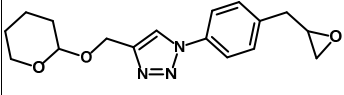
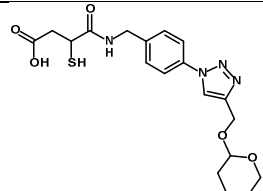
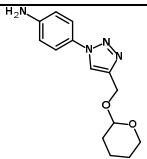
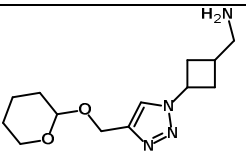
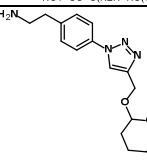
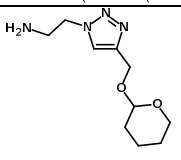
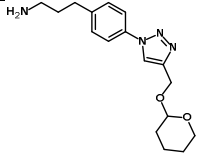
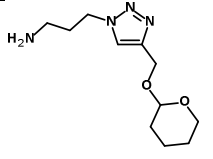
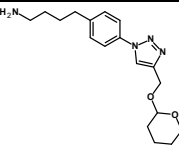
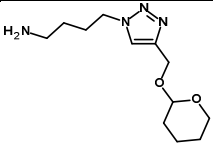
176	 <chem>O=C=NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	184	
177	 <chem>S=C=NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	185	 <chem>SCC(S)CC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
178	 <chem>C=NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	186	 <chem>O=C(NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)CS</chem>
179	 <chem>C1(COC2OCCCC2)=CN(C3=CC=C(C4OC4)C=C3)C=C1</chem>	187	
180	 <chem>NC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	188	 <chem>NCC1CC(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
181	 <chem>NCCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	189	 <chem>NCCCN1N=NC(COC2OCCCC2)=C1</chem>
182	 <chem>NCCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	190	 <chem>NCCCCN1N=NC(COC2OCCCC2)=C1</chem>
183	 <chem>NCCCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	191	 <chem>NCCCCCN1N=NC(COC2OCCCC2)=C1</chem>

FIGURE 1G

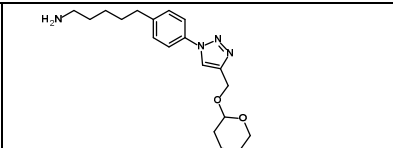
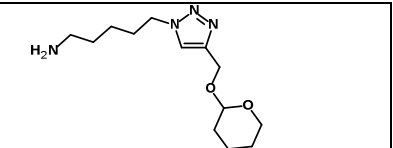
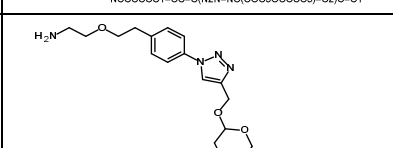
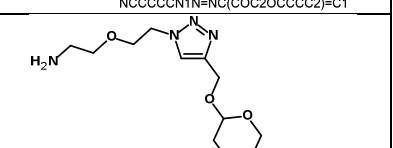
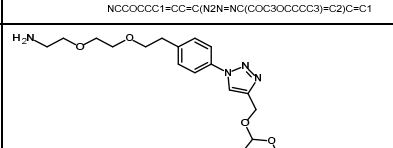
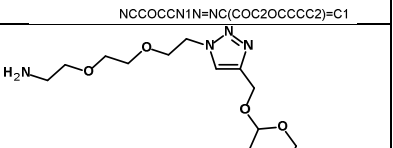
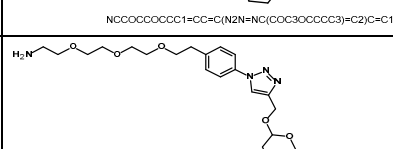
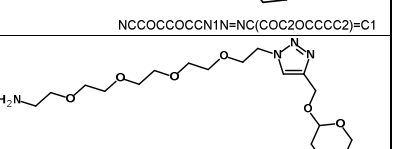
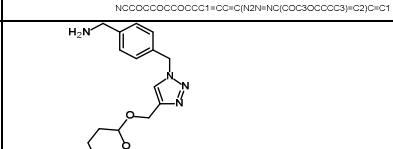
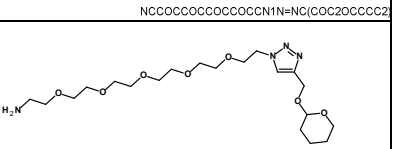
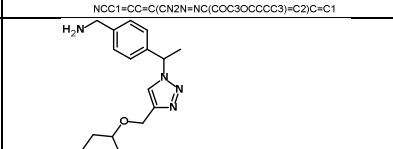
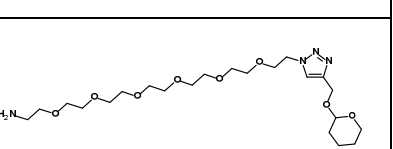
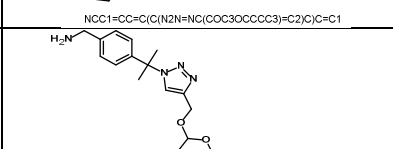
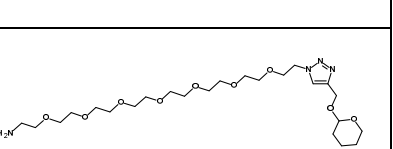
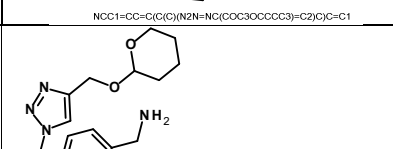
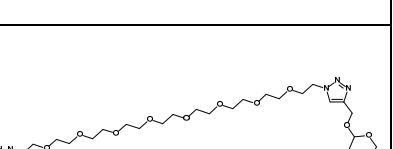
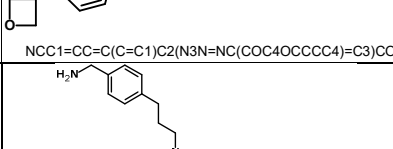
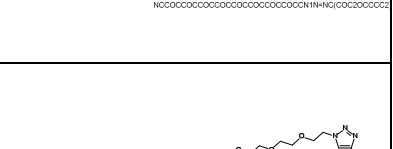
192	 <chem>NCCCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O=C1</chem>	201	 <chem>NCCCCCN1N=NC(COC2OCCCC2)=C1</chem>
193	 <chem>NCCOCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	202	 <chem>NCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
194	 <chem>NCCOCCCCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	203	 <chem>NCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
195	 <chem>NCCOCCCCOCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	204	 <chem>NCCOCCCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
196	 <chem>NCC1=CC=C(CN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	205	 <chem>NCCOCCCCOCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
197	 <chem>NCC1=CC=C(C(C)N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	206	 <chem>NCCOCCCCOCCOCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
198	 <chem>NCC1=CC=C(C(C)N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	207	 <chem>NCCOCCCCOCCOCCOCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
199	 <chem>NCC1=CC=C(C(C)C2N3N=NC(COC4OCCCC4)=C3)COC2</chem>	208	 <chem>NCCOCCCCOCCOCCOCCOCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>
200	 <chem>NCC1=CC=C(C(CCN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	209	 <chem>NCCOCCCCOCCOCCOCCOCCOCCOCCOCCN1N=NC(COC2OCCCC2)=C1</chem>

FIGURE 1H

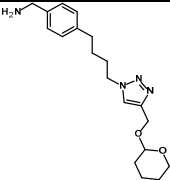
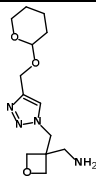
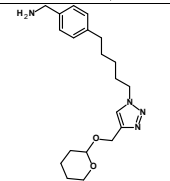
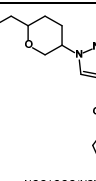
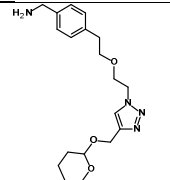
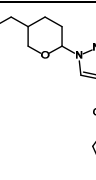
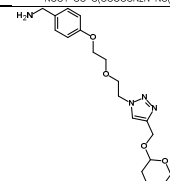
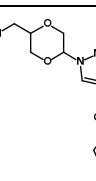
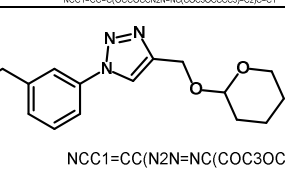
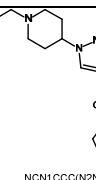
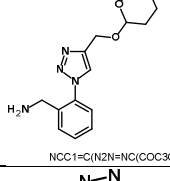
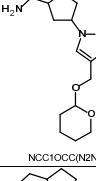
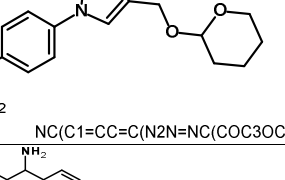
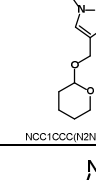
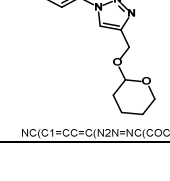
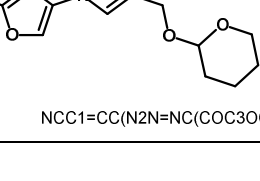
210	 <chem>NCC1=CC=C(C(OC(CCN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	218	 <chem>NCC1(CN2N=NC(COC3OCCCC3)=C2)COC1</chem>
211	 <chem>NCC1=CC=C(C(OC(CCN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	219	 <chem>NCC1CCC(N2N=NC(COC3OCCCC3)=C2)OC1</chem>
212	 <chem>NCC1=CC=C(C(OC(CCN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	220	 <chem>NCC1CCC(N2N=NC(COC3OCCCC3)=C2)OC1</chem>
213	 <chem>NCC1=CC=C(C(OC(CCN2N=NC(COC3OCCCC3)=C2)C=C1</chem>	221	 <chem>NCC1OCC(N2N=NC(COC3OCCCC3)=C2)OC1</chem>
214	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C</chem>	222	 <chem>NCN1CCC(N2N=NC(COC3OCCCC3)=C2)CC1</chem>
215	 <chem>NCC1=C(N2N=NC(COC3OCCCC3)=C2)C=CC=C1</chem>	223	 <chem>NCC1OCC(N2N=NC(COC3OCCCC3)=C2)C1</chem>
216	 <chem>NC(C1=CC=C(N2N=NC(COC3OCCCC3)=C</chem>	224	 <chem>NCC1CCC(N2N=NC(COC3OCCCC3)=C2)O1</chem>
217	 <chem>NC(C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1)CC</chem>	225	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C</chem>

FIGURE 1I

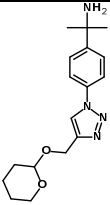
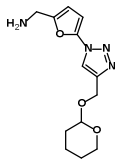
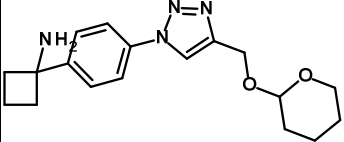
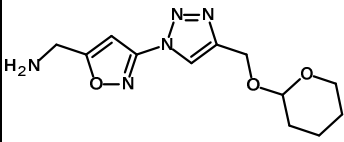
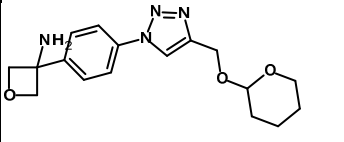
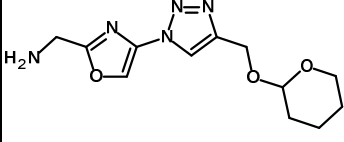
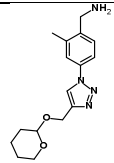
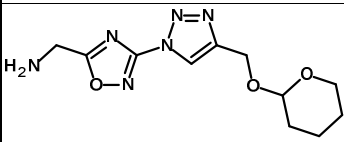
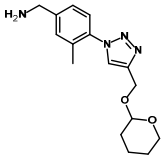
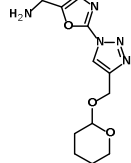
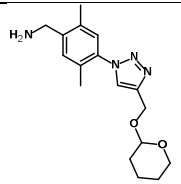
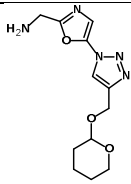
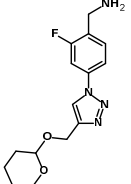
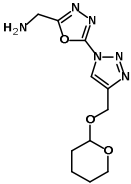
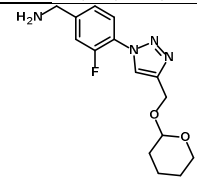
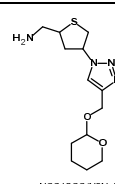
226	 <chem>NC(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1C</chem>	234	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
227	 <chem>NC1(C2=CC=C(N3N=NC(COC4OCCCC4)=C3)C=C2)C=C1</chem>	235	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
228	 <chem>NC1(C2=CC=C(N3N=NC(COC4OCCCC4)=C3)C=C2)C=C1</chem>	236	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
229	 <chem>NCC(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	237	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
230	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	238	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
231	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	239	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
232	 <chem>NCC(C)C1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	240	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)O1</chem>
233	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C(F)=C1</chem>	241	 <chem>NCC1SCC(N2N=NC(COC3OCCCC3)=C2)C1</chem>

FIGURE 1J

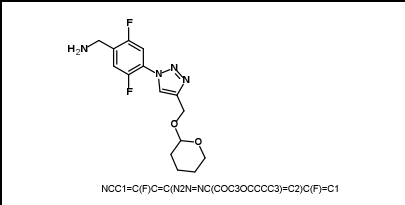
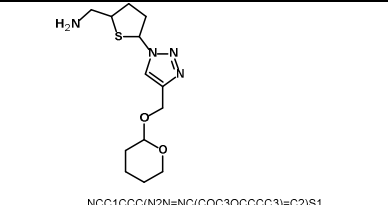
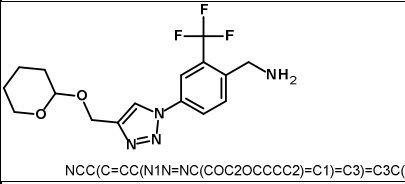
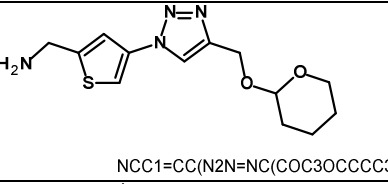
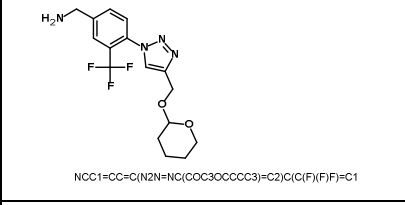
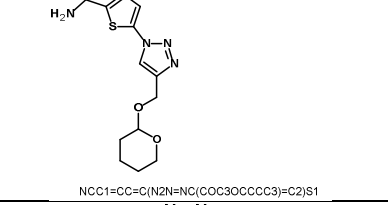
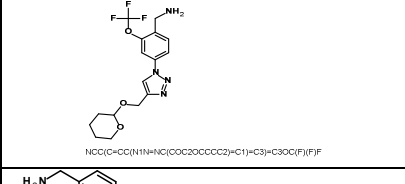
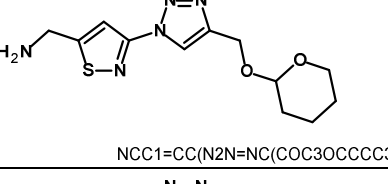
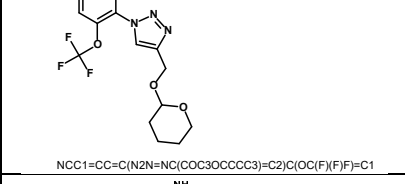
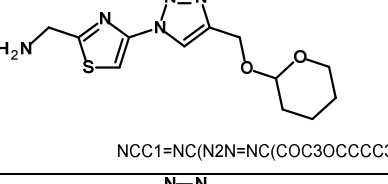
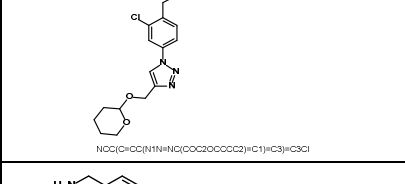
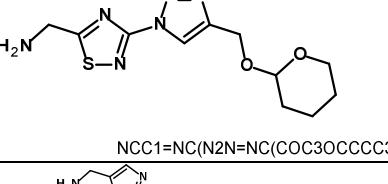
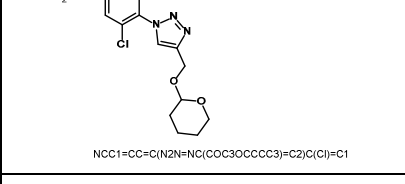
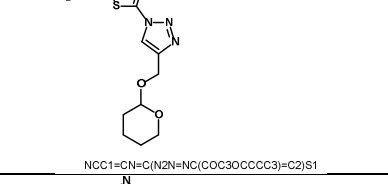
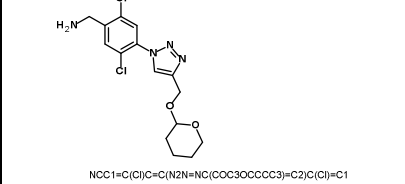
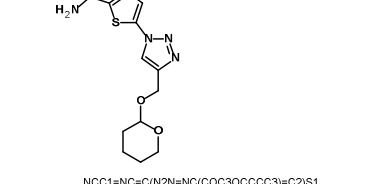
242	 <chem>NCC1=C(F)C=C(N2N=NC(COC3OCCCC3)=C2)C(F)=C1</chem>	250	 <chem>NCC1CCC(N2N=NC(COC3OCCCC3)=C2)S1</chem>
243	 <chem>NCC(C=CC(N1N=NC(COC2OCCCC2)=C1)=C3)=C3C(F)(F)F</chem>	251	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C2)S1</chem>
244	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C(C(F)(F)F)=C1</chem>	252	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)S1</chem>
245	 <chem>NCC(C=CC(N1N=NC(COC2OCCCC2)=C1)=C3)=C3C(F)(F)F</chem>	253	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C2)S1</chem>
246	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C(C(F)(F)F)=C1</chem>	254	 <chem>NCC1=NC(N2N=NC(COC3OCCCC3)=C2)S1</chem>
247	 <chem>NCC(C=CC(N1N=NC(COC2OCCCC2)=C1)=C3)=C3Cl</chem>	255	 <chem>NCC1=NC(N2N=NC(COC3OCCCC3)=C2)S1</chem>
248	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C(Cl)=C1</chem>	256	 <chem>NCC1=CN=C(N2N=NC(COC3OCCCC3)=C2)S1</chem>
249	 <chem>NCC1=C(Cl)C=C(N2N=NC(COC3OCCCC3)=C2)C(Cl)=C1</chem>	257	 <chem>NCC1=NC=C(N2N=NC(COC3OCCCC3)=C2)S1</chem>

FIGURE 1K

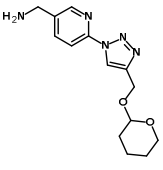
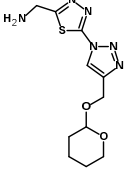
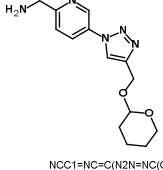
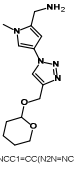
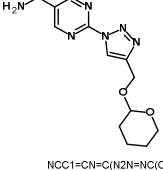
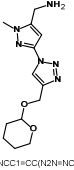
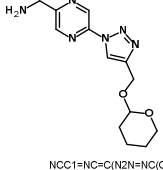
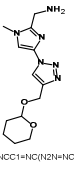
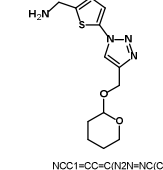
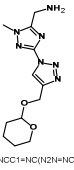
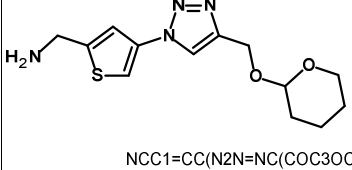
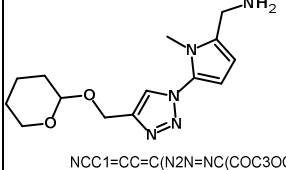
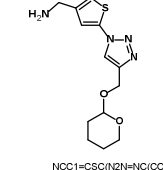
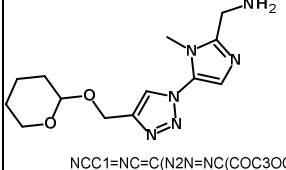
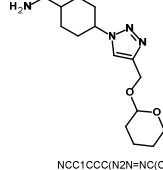
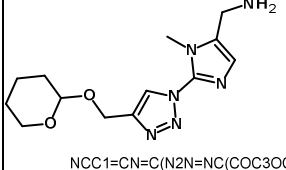
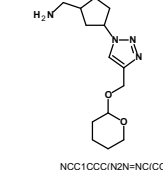
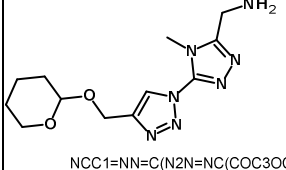
258	 <chem>NCC1=CN=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>	267	 <chem>NCC1=NN=C(N2N=NC(COC3OCCCC3)=C2)S1</chem>
259	 <chem>NCC1=NC=C(N2N=NC(COC3OCCCC3)=C2)N=C1</chem>	268	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C2)=CN1C</chem>
260	 <chem>NCC1=CN=C(N2N=NC(COC3OCCCC3)=C2)N=C1</chem>	269	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C2)=NN1C</chem>
261	 <chem>NCC1=NC=C(N2N=NC(COC3OCCCC3)=C2)N=C1</chem>	270	 <chem>NCC1=NC(N2N=NC(COC3OCCCC3)=C2)=CN1C</chem>
262	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)S1</chem>	271	 <chem>NCC1=NC(N2N=NC(COC3OCCCC3)=C2)=NN1C</chem>
263	 <chem>NCC1=CC(N2N=NC(COC3OCCCC3)=C2)N=C1</chem>	272	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)N1C</chem>
264	 <chem>NCC1=CSC(N2N=NC(COC3OCCCC3)=C2)C1</chem>	273	 <chem>NCC1=NC=C(N2N=NC(COC3OCCCC3)=C2)N1C</chem>
265	 <chem>NCC1CCC(N2N=NC(COC3OCCCC3)=C2)CC1</chem>	274	 <chem>NCC1=CN=C(N2N=NC(COC3OCCCC3)=C2)N1C</chem>
266	 <chem>NCC1CCC(N2N=NC(COC3OCCCC3)=C2)C1</chem>	275	 <chem>NCC1=NN=C(N2N=NC(COC3OCCCC3)=C2)N1C</chem>

FIGURE 1L

Table 1c:

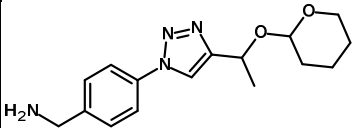
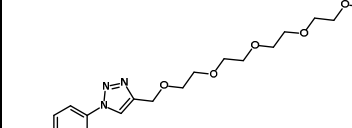
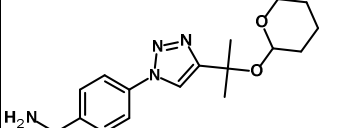
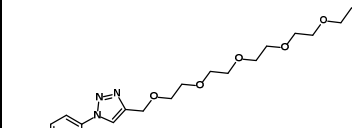
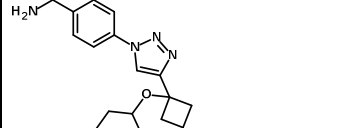
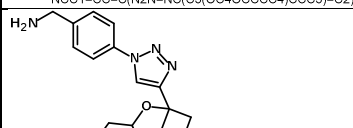
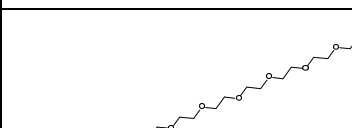
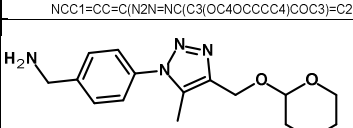
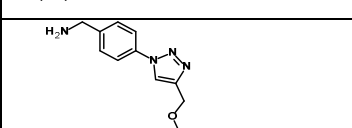
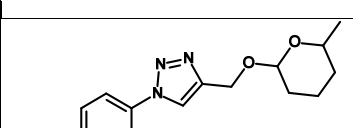
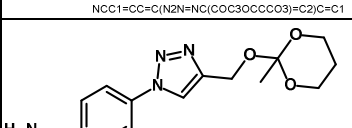
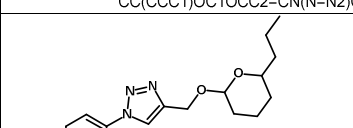
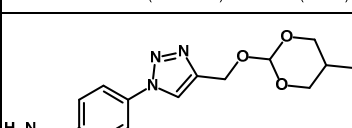
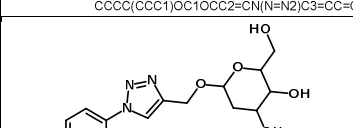
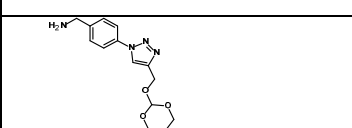
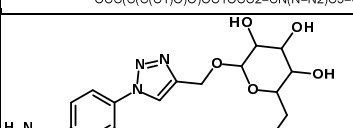
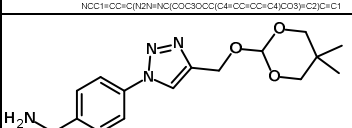
276	 <chem>CC(OC1OCCCC1)C2=CN(N=N2)C3=C</chem>	285	 <chem>COCOCOCOCOCOCOCOC1=CN(N=N1)C2=CC=C(C=C2)C3=C</chem>
277	 <chem>CC(C)(OC1OCCCC1)C2=CN(N=N2)C3=CC</chem>	286	 <chem>COCOCOCOCOCOCOCOCOC1=CN(N=N1)C2=CC=C(C=C2)C3=C</chem>
278	 <chem>NCC1=CC=C(N2N=NC(C3(OC4OCCCC4)CCC3)=C2)C=C1</chem>	287	 <chem>COCOCOCOCOCOCOCOCOCOC1=CN(N=N1)C2=CC=C(C=C2)C3=C</chem>
279	 <chem>NCC1=CC=C(N2N=NC(C3(OC4OCCCC4)COC3)=C2)C=C1</chem>	288	 <chem>NCC1=CC=C(N2N=NC(C3(OC4OCCCC4)COC3)=C2)C=C1</chem>
280	 <chem>CC(N(N=N1)C2=CC=C(C=C2)CN)=C1CO</chem>	289	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
281	 <chem>CC(CCC1)OC1OCC2=CN(N=N2)C3=CC=C</chem>	290	 <chem>CC1(OCCC1)OCC2=CN(N=N2)C3=CC=C</chem>
282	 <chem>CCCC(CCC1)OC1OCC2=CN(N=N2)C3=CC=C(C=C3)C</chem>	291	 <chem>CC(CO1)COC1OCC2=CN(N=N2)C3=CC=C</chem>
283	 <chem>OCC(C(C1)O)OC1OCC2=CN(N=N2)C3=CC=C(C=C3)C</chem>	292	 <chem>NCC1=CC=C(N2N=NC(COC3OCCCC3)=C2)C=C1</chem>
284	 <chem>OC(C(C(C(O1)CO)O)O)C1OCC2=CN(N=N2)C3=CC=C</chem>	293	 <chem>CC(C)(CO1)COC1OCC2=CN(N=N2)C3=CC=C</chem>

FIGURE 1M

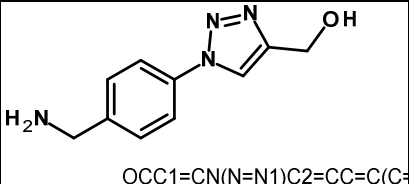
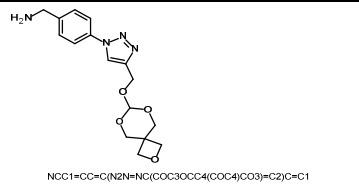
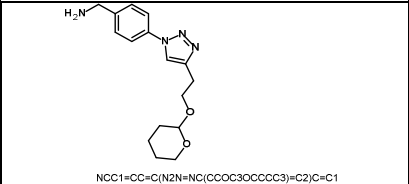
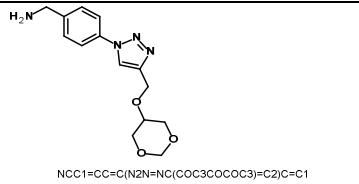
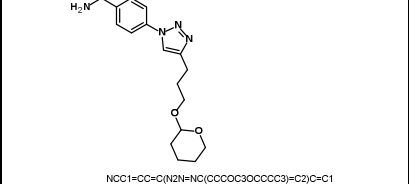
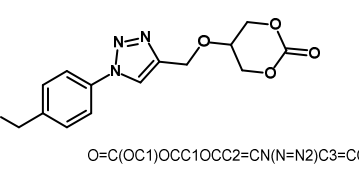
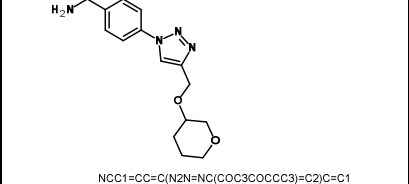
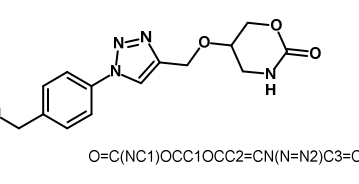
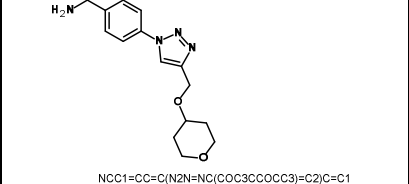
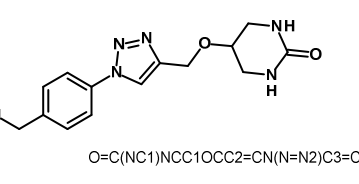
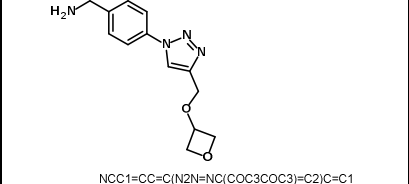
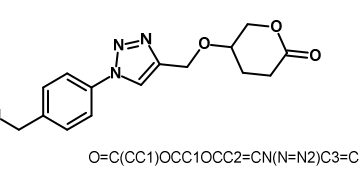
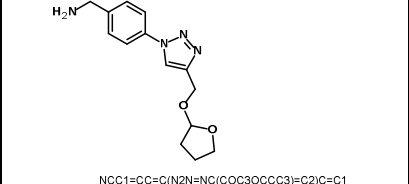
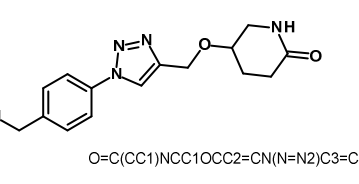
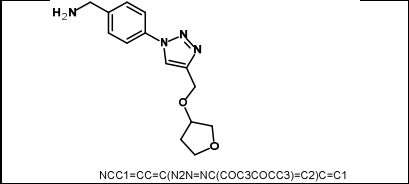
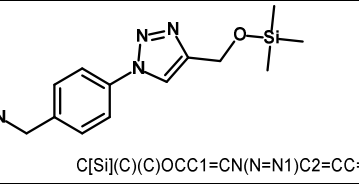
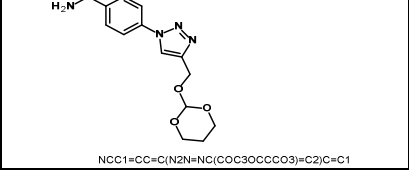
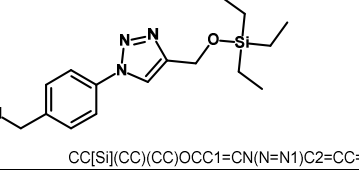
294	 <chem>OCC1=CN(N=N1)C2=CC=C(C=C2)C3=CC=C(C=C3)CN</chem>	303	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>
295	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	304	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>
296	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	305	 <chem>O=C(OC1)OCC1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
297	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	306	 <chem>O=C(NC1)OCC1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
298	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	307	 <chem>O=C(NC1)NCC1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
299	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	308	 <chem>O=C(CC1)OCC1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
300	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	309	 <chem>O=C(CC1)NCC1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
301	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	310	 <chem>C[Si](C)(C)OCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>
302	 <chem>NCC1=CC=C(N2N=NC(COC3OCC4(COC4)CO3)=C2)C=C1</chem>	311	 <chem>CC[Si](CC)(CC)OCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>

FIGURE 1N

312		321	
313		322	
314		323	
315		324	
316		325	
317		326	
318		327	
319		328	
320		329	

FIGURE 10

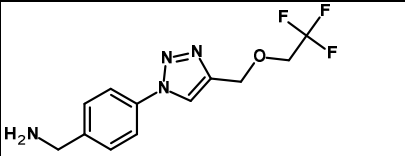
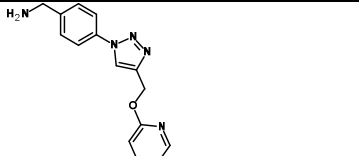
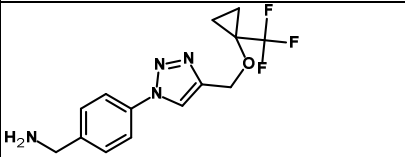
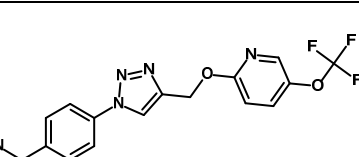
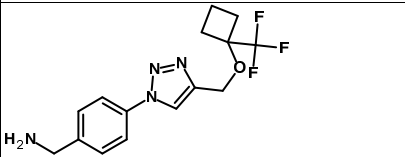
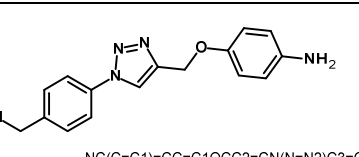
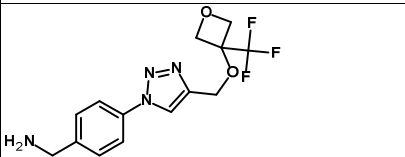
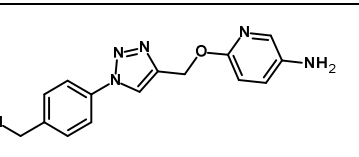
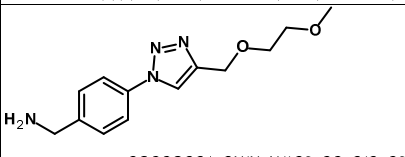
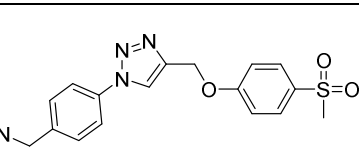
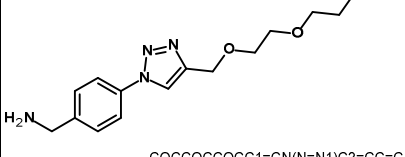
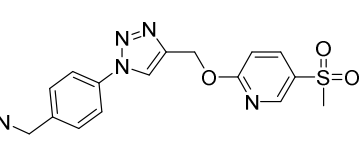
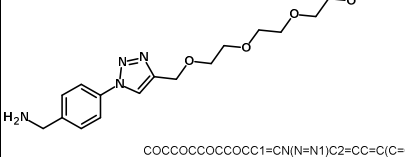
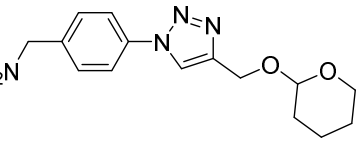
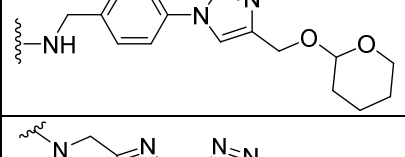
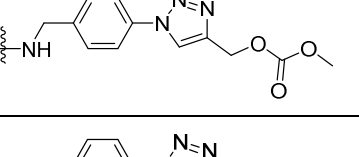
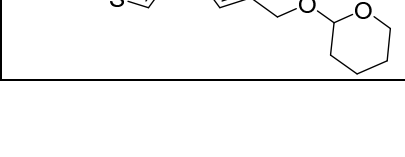
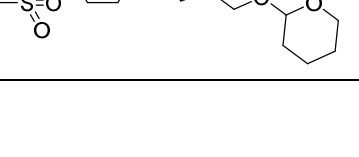
330	 <chem>FC(F)(F)COCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>	339	 <chem>NCC1=CC=C(N2N=NC(COC3=NC=CC=C3)=C2)C=C1</chem>
331	 <chem>FC(F)(F)C1(CC1)OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>	340	 <chem>NCC1=CC=C(N2N=NC(COC3=NC=CC=C3)=C2)C=C1</chem>
332	 <chem>FC(F)(F)C1(CCC1)OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>	341	 <chem>NC(C=C1)=CC=C1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
333	 <chem>FC(F)(F)C1(COC1)OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>	342	 <chem>NC(C=C1)=CN=C1OCC2=CN(N=N2)C3=CC=C(C=C3)CN</chem>
334	 <chem>COCCOCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>	343	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>
335	 <chem>COCCOCCOCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>	344	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>
336	 <chem>COCCOCCOCCOCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>	345	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>
337	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>	346	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>
338	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>	347	 <chem>CS(=O)(=O)c1ccc(OCC2=CN(N=N2)C3=CC=C(C=C3)CN)cc1</chem>

FIGURE 1P

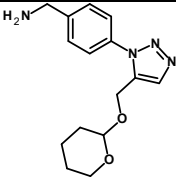
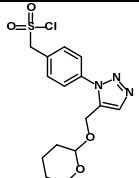
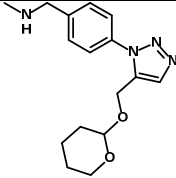
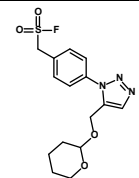
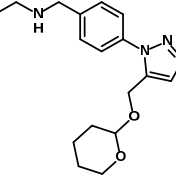
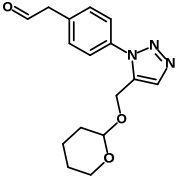
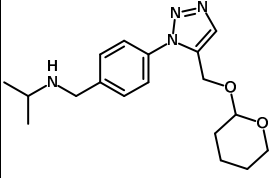
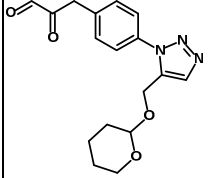
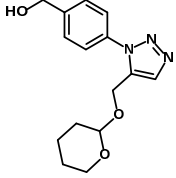
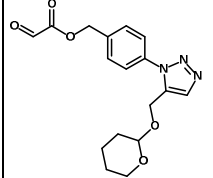
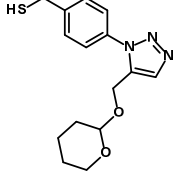
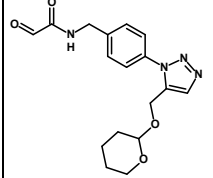
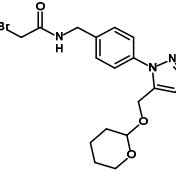
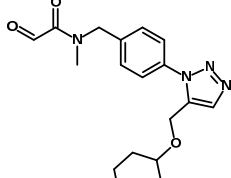
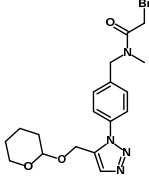
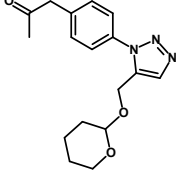
348	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	356	 <chem>O=S(=O)(Cl)CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
349	 <chem>CNCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	357	 <chem>O=S(=O)(F)CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
350	 <chem>CCNCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	358	 <chem>[H]C(=O)CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
351	 <chem>CC(NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)C</chem>	359	 <chem>O=C(=O)CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
352	 <chem>OCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	360	 <chem>O=C(=O)OCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
353	 <chem>SCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	361	 <chem>O=C(=O)NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
354	 <chem>O=C(=O)NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1Br</chem>	362	 <chem>CC(=O)NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
355	 <chem>BrCC(=O)NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	363	 <chem>CC(=O)CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>

FIGURE 1Q

364	 O=C(OCC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)CBr	372	
365	 O=C(NCC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)C=C	373	
366	 COC(CC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)=O	374	
367	 C=C(C(N(C)C)=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)=O	375	
368	 CN(C)(C(C)=O)CC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)	376	
369	 O=C(OCC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)C=C	377	
370	 O=C(OCC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C=C1)C(C)=C	378	
371		379	

FIGURE 1R

380	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	387	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>
381	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	388	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>
382	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	389	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>
383	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	390	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>
384	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	391	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>
385	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	392	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>
386	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>	393	 <chem>O=C(NC(=O)C=C(C(=N2N=CC2COC3OCCCC3)C=C1)C(C#N)=C</chem>

FIGURE 1S

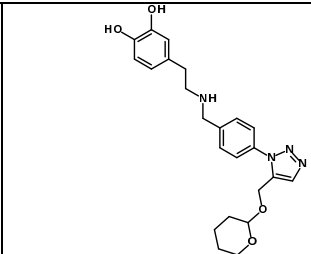
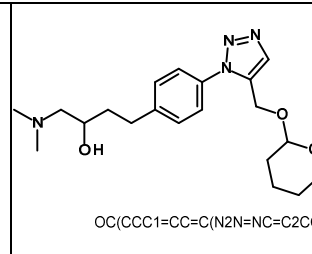
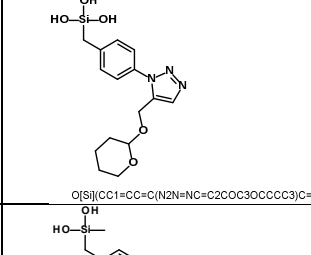
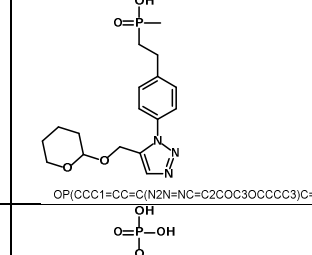
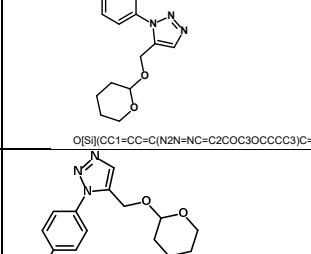
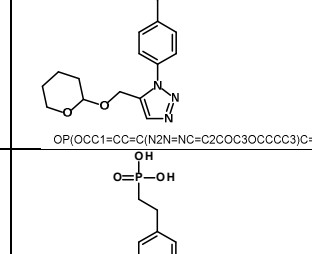
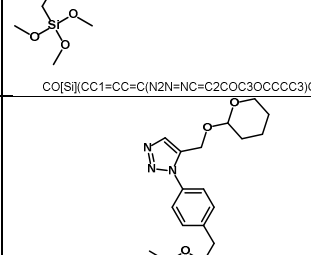
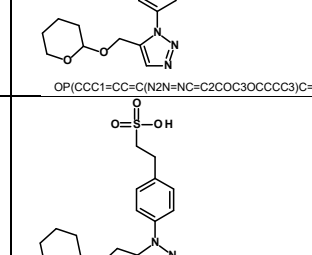
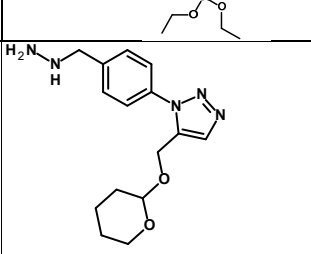
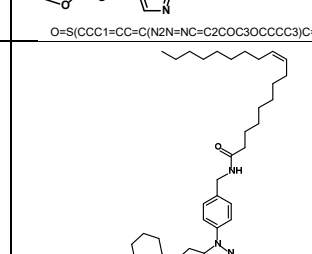
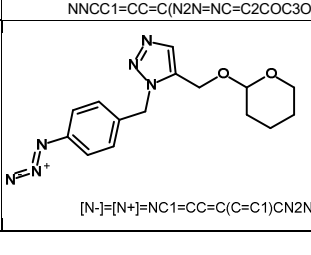
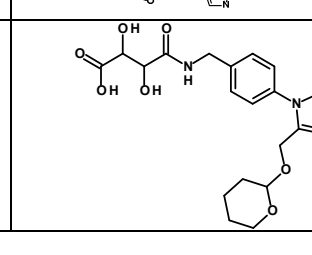
394		401	 <chem>OC(CCC1=CC=C(N2N=NC=C2COC3OCCCC3))</chem>
395	 <chem>O[Si](CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(O)O</chem>	402	 <chem>OP(CCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(O)=O</chem>
396	 <chem>O[Si](CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(O)O</chem>	403	 <chem>OP(OCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(O)=O</chem>
397	 <chem>CO[Si](CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(OC)OC</chem>	404	 <chem>OP(CCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(O)=O</chem>
398		405	 <chem>O=S(CCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)(O)=O</chem>
399	 <chem>NNCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	406	
400	 <chem>[N-]=[N+]=NC1=CC=C(C(C=C1)CN2N=NC=C2COC3OCCCC3)</chem>	407	

FIGURE 1T

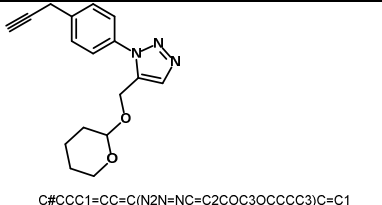
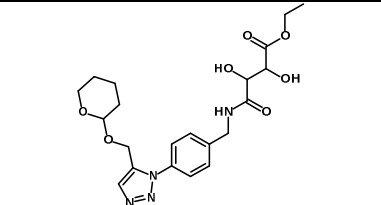
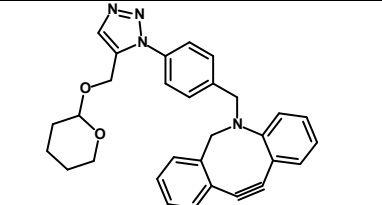
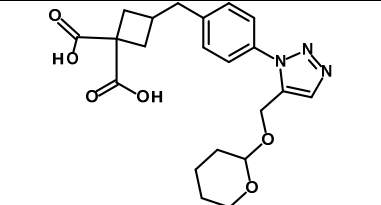
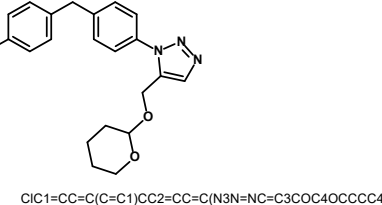
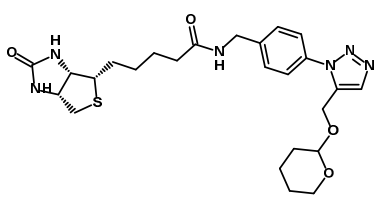
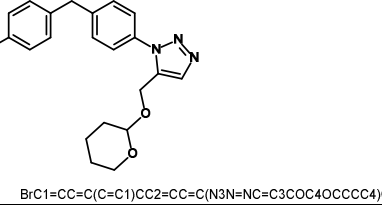
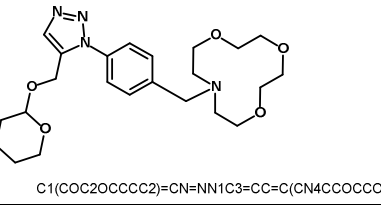
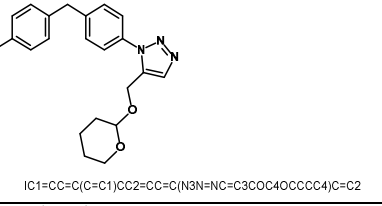
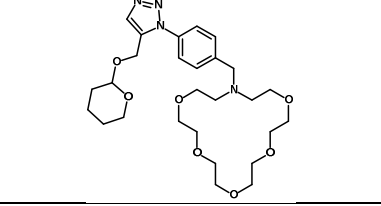
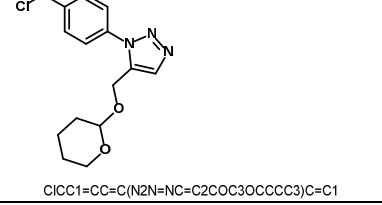
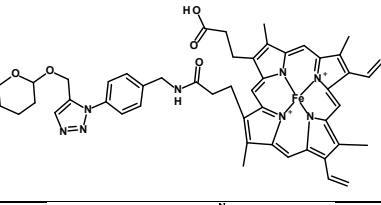
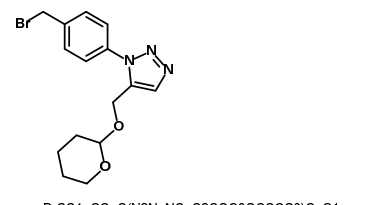
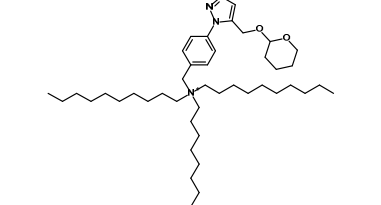
408	 <chem>C#CCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	415	
409	 <chem>C1=CC=C(C=C1)C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2</chem>	416	
410	 <chem>ClC1=CC=C(C=C1)C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2</chem>	417	
411	 <chem>BrC1=CC=C(C=C1)C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2</chem>	418	 <chem>C1(COC2OCCCC2)=CN=NN1C3=CC=C(CN4CCOCCO4)C=C3</chem>
412	 <chem>IC1=CC=C(C=C1)C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2</chem>	419	
413	 <chem>ClC1=CC=C(C=C1)C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2</chem>	420	
414	 <chem>BrC1=CC=C(C=C1)C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2</chem>	421	

FIGURE 1U

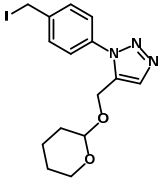
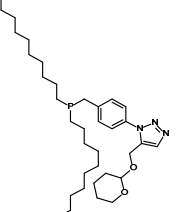
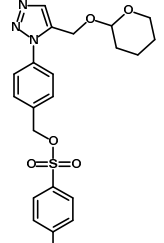
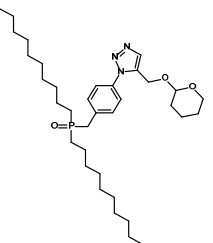
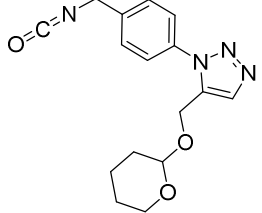
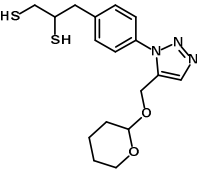
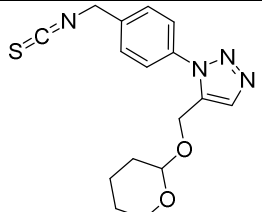
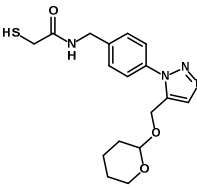
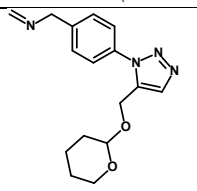
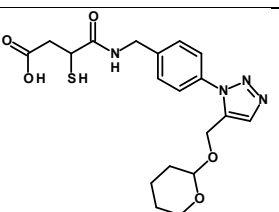
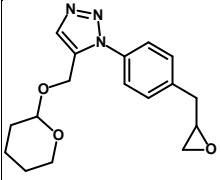
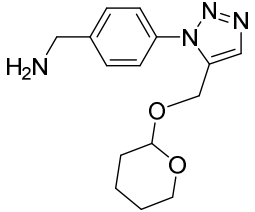
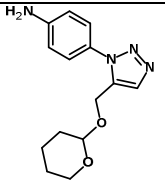
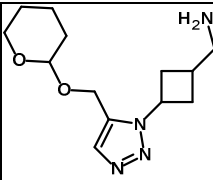
422	 <chem>ICC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	429	
423	 <chem>CC1=CC=C(S(=O)(=O)COC2=CC=C(N3N=NC=C3)C=C2)C=C1</chem>	430	
424	 <chem>O=C(NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	431	 <chem>SCC(S)CC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
425	 <chem>S=C(NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	432	 <chem>O=C(NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1)CS</chem>
426	 <chem>C=NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	433	
427	 <chem>C1(COC2OCCCC2)=CN=NN1C3=CC=C(CC4OC4)C=C3</chem>	434	
428	 <chem>NC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	435	 <chem>NCC1CC(N2N=NC=C2COC3OCCCC3)C1</chem>

FIGURE 1V

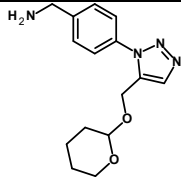
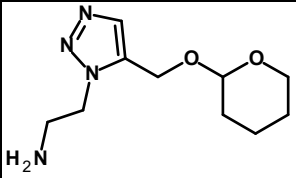
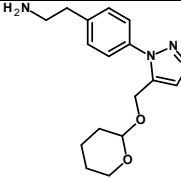
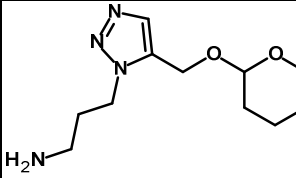
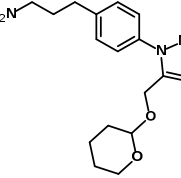
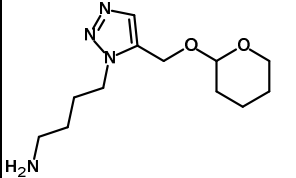
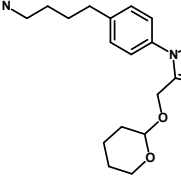
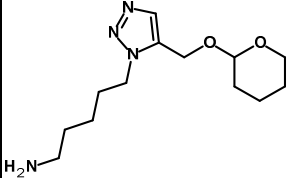
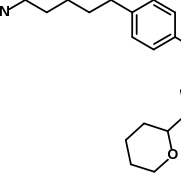
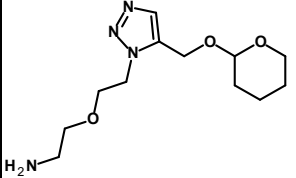
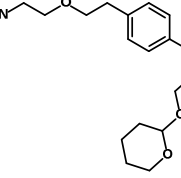
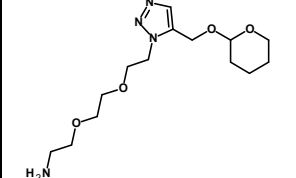
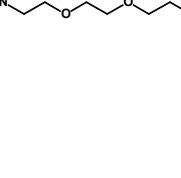
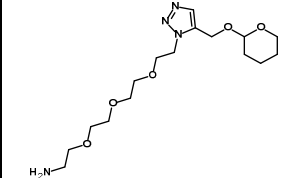
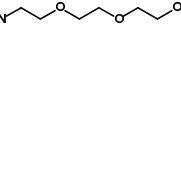
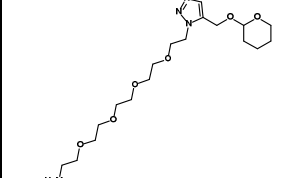
436	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	444	 <chem>NCCCN1N=NC=C1COC2OCCCC2</chem>
437	 <chem>NCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	445	 <chem>NCCCCN1N=NC=C1COC2OCCCC2</chem>
438	 <chem>NCCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	446	 <chem>NCCCCCN1N=NC=C1COC2OCCCC2</chem>
439	 <chem>NCCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	447	 <chem>NCCCCCN1N=NC=C1COC2OCCCC2</chem>
440	 <chem>NCCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	448	 <chem>NCCOCCN1N=NC=C1COC2OCCCC2</chem>
441	 <chem>NCCOCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	449	 <chem>NCCOCCCCCN1N=NC=C1COC2OCCCC2</chem>
442	 <chem>NCCOCCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	450	 <chem>NCCOCCCCCN1N=NC=C1COC2OCCCC2</chem>
443	 <chem>NCCOCCCCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	451	 <chem>NCCOCCCCCN1N=NC=C1COC2OCCCC2</chem>

FIGURE 1W

452	 <chem>NCC1=CC=C(CN2N=NC=C2COC3OCCCC3)C=C1</chem>	459	
453	 <chem>NCC1=CC=C(C(C)N2N=NC=C2COC3OCCCC3)C=C1</chem>	460	
454	 <chem>NCC1=CC=C(C(C)(N2N=NC=C2COC3OCCCC3)C)C=C1</chem>	461	
455	 <chem>NCC1=CC=C(C(CCCN2N=NC=C2COC3OCCCC3)C)C=C1</chem>	462	
456	 <chem>NCC1=CC=C(C(CCCCN2N=NC=C2COC3OCCCC3)C)C=C1</chem>	463	
457	 <chem>NCC1=CC=C(C(CCCCN2N=NC=C2COC3OCCCC3)C)C=C1</chem>	464	 <chem>NCC1(CCN2N=NC=C2COC3OCCCC3)COC1</chem>
458	 <chem>NCC1=CC=C(C(CCCCN2N=NC=C2COC3OCCCC3)C)C=C1</chem>	465	 <chem>NCC1CCC(CCN2N=NC=C2COC3OCCCC3)CO1</chem>

FIGURE 1X

466		474	
467		475	
468		476	
469		477	
470		478	
471		479	
472		480	
473		481	

FIGURE 1Y

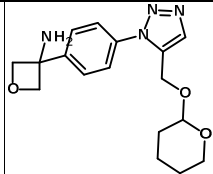
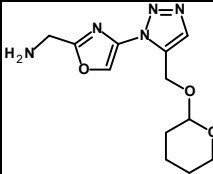
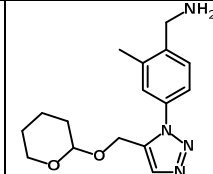
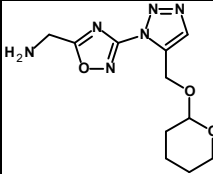
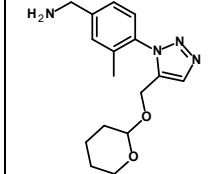
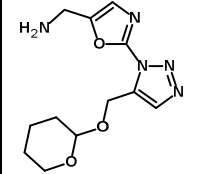
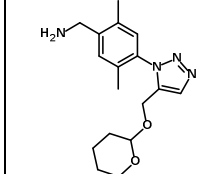
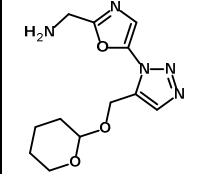
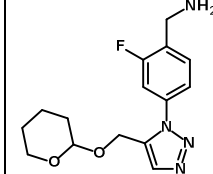
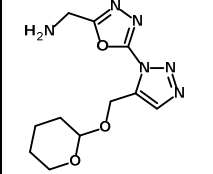
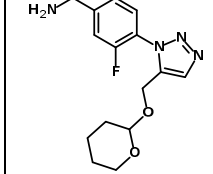
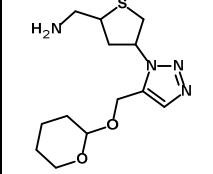
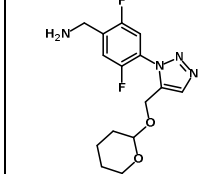
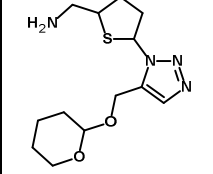
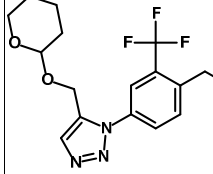
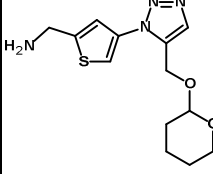
482	 <chem>NC1(C2=CC=C(N3N=NC=C3COC4OCCCC4)C=C2)COC5OCCCC5</chem>	490	 <chem>NCC1=NC(N2N=NC=C2COC3OCCCC3)=CO1</chem>
483	 <chem>NCC(C=CC(N1N=NC=C1COC2OCCCC2)=C3)=C3C</chem>	491	 <chem>NCC1=NC(N2N=NC=C2COC3OCCCC3)=NO1</chem>
484	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C(C)=C1</chem>	492	 <chem>NCC1=CN=C(N2N=NC=C2COC3OCCCC3)O1</chem>
485	 <chem>NCC1=C(C)C=C(N2N=NC=C2COC3OCCCC3)C(C)=C1</chem>	493	 <chem>NCC1=NC=C(N2N=NC=C2COC3OCCCC3)O1</chem>
486	 <chem>NCC(C=CC(N1N=NC=C1COC2OCCCC2)=C3)=C3F</chem>	494	 <chem>NCC1=NN=C(N2N=NC=C2COC3OCCCC3)O1</chem>
487	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C(F)=C1</chem>	495	 <chem>NCC1SCC(N2N=NC=C2COC3OCCCC3)C1</chem>
488	 <chem>NCC1=C(F)C=C(N2N=NC=C2COC3OCCCC3)C(F)=C1</chem>	496	 <chem>NCC1CCC(N2N=NC=C2COC3OCCCC3)S1</chem>
489	 <chem>NCC(C=CC(N1N=NC=C1COC2OCCCC2)=C3)=C3C</chem>	497	 <chem>NCC1=CC(N2N=NC=C2COC3OCCCC3)=CS1</chem>

FIGURE 1Z

498	 <chem>NCC1=CC=C(C(N2N=NC=C2COC3OCCCC3)C(C(F)(F)F)=C1</chem>	506	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)S1</chem>
499	 <chem>NCC(C=CC(N1N=NC=C1COC2OCCCC2)=C3)=C3OC(F)(F)F</chem>	507	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)S1</chem>
500	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=C3</chem>	508	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=CS1</chem>
501	 <chem>NCC(C=CC(N1N=NC=C1COC2OCCCC2)=C3)=C3Cl</chem>	509	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=CS1</chem>
502	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C(Cl)=C1</chem>	510	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=CS1</chem>
503	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=C1</chem>	511	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=CS1</chem>
504	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=C1</chem>	512	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=CS1</chem>
505	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=C1</chem>	513	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)=CS1</chem>

FIGURE 1AA

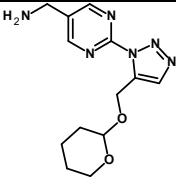
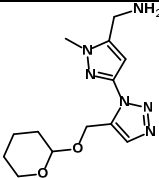
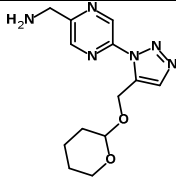
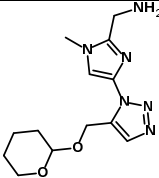
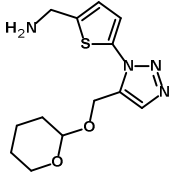
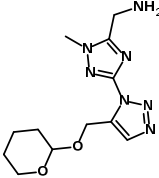
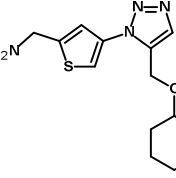
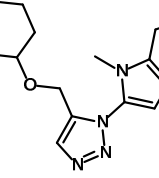
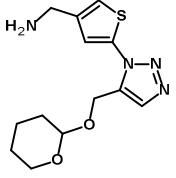
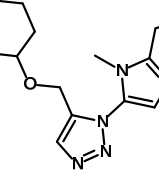
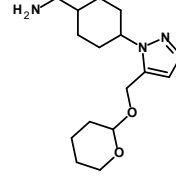
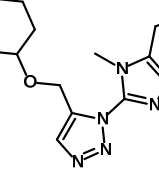
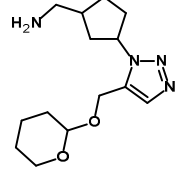
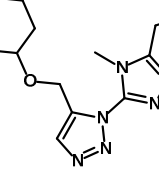
514	 <chem>NCC1=CN=C(N2N=NC=C2COC3OCCCC3)N=C1</chem>	521	 <chem>NCC1=CC(N2N=NC=C2COC3OCCCC3)=NN1C</chem>
515	 <chem>NCC1=NC=C(N2N=NC=C2COC3OCCCC3)N=C1</chem>	522	 <chem>NCC1=NC(N2N=NC=C2COC3OCCCC3)=CN1C</chem>
516	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)S1</chem>	523	 <chem>NCC1=NC(N2N=NC=C2COC3OCCCC3)=NN1C</chem>
517	 <chem>NCC1=CC(N2N=NC=C2COC3OCCCC3)=CS1</chem>	524	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)N</chem>
518	 <chem>NCC1=CSC(N2N=NC=C2COC3OCCCC3)=C1</chem>	525	 <chem>NCC1=NC=C(N2N=NC=C2COC3OCCCC3)N</chem>
519	 <chem>NCC1CCC(N2N=NC=C2COC3OCCCC3)CC1</chem>	526	 <chem>NCC1=CN=C(N2N=NC=C2COC3OCCCC3)N</chem>
520	 <chem>NCC1CCC(N2N=NC=C2COC3OCCCC3)C1</chem>	527	 <chem>NCC1=NN=C(N2N=NC=C2COC3OCCCC3)N</chem>

FIGURE 1BB

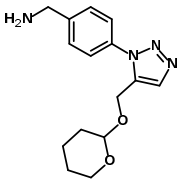
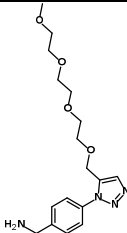
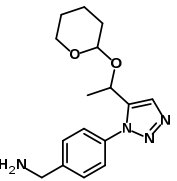
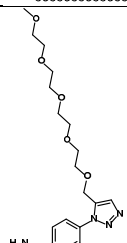
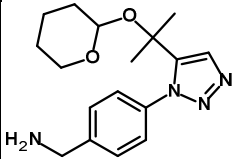
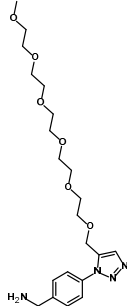
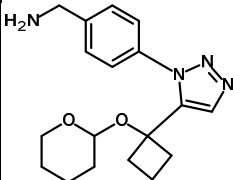
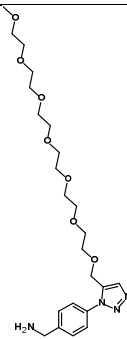
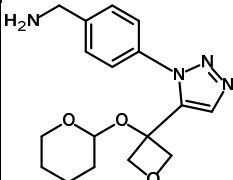
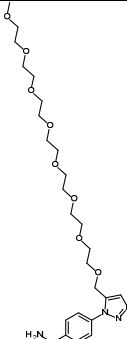
528	 <chem>NCC1=CC=C(N2N=NC=C2OC3OCCCC3)C=C1</chem>	533	 <chem>COCOCOCOCOCOC1=CN=NN1C2=CC=C(C=C2)CN</chem>
529	 <chem>CC(OC1OCCCC1)C2=CN=NN2C3=CC=C(C=C3)CN</chem>	534	 <chem>COCOCOCOCOCOCOC1=CN=NN1C2=CC=C(C=C2)CN</chem>
530	 <chem>CC(C)(OC1OCCCC1)C2=CN=NN2C3=CC=C(C=C3)CN</chem>	535	 <chem>COCOCOCOCOCOCOCOC1=CN=NN1C2=CC=C(C=C2)CN</chem>
531	 <chem>NCC1=CC=C(N2N=NC=C2C3(OC4OCCCC4)C=C3</chem>	536	 <chem>COCOCOCOCOCOCOCOCOC1=CN=NN1C2=CC=C(C=C2)CN</chem>
532	 <chem>NCC1=CC=C(N2N=NC=C2C3(OC4OCCCC4)C=C3</chem>	537	 <chem>COCOCOCOCOCOCOCOCOCOC1=CN=NN1C2=CC=C(C=C2)CN</chem>

FIGURE 1CC

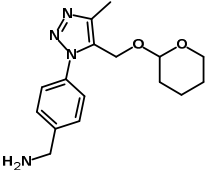
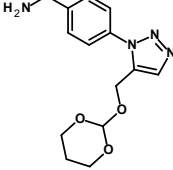
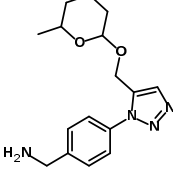
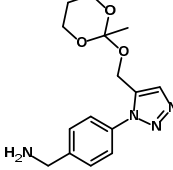
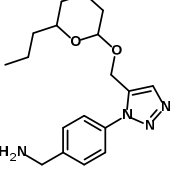
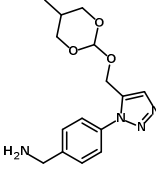
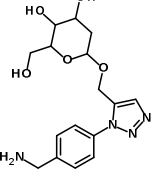
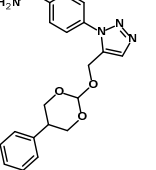
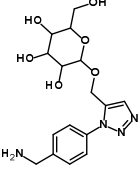
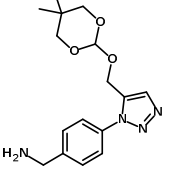
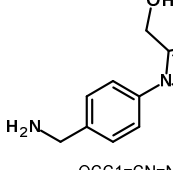
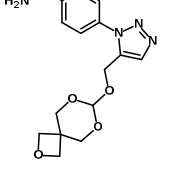
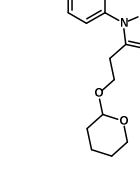
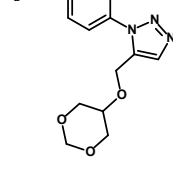
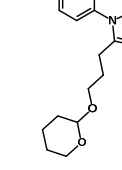
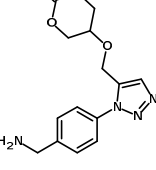
538	 <chem>CC1=C(N(N=N1)C2=CC=C(C(=C2)CN)COC3OCCCC3</chem>	546	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>
539	 <chem>CC(CCC1)OC1OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>	547	 <chem>CC1(OCCCCO1)OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>
540	 <chem>CCCC(CCC1)OC1OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>	548	 <chem>CC(CO1)COC1OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>
541	 <chem>OCC(C(C(O1)O)O)OC1OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>	549	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCC(C4=CC=CC=C4)CO3)C=C1</chem>
542	 <chem>OC(C(C(O1)O)O)O)OC1OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>	550	 <chem>CC(C)(CO1)COC1OCC2=CN=NN2C3=CC=C(C(=C3)CN</chem>
543	 <chem>OCC1=CN=NN1C2=CC=C(C(=C2)CN</chem>	551	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCC4(COC4)CO3)C=C1</chem>
544	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	552	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCOC3)C=C1</chem>
545	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>	553	 <chem>NCC1=CC=C(N2N=NC=C2COC3OCCCC3)C=C1</chem>

FIGURE 1DD

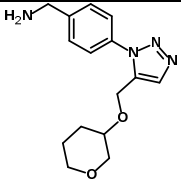
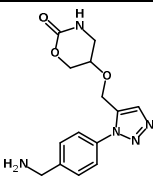
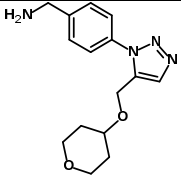
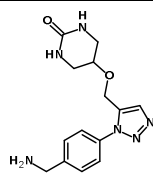
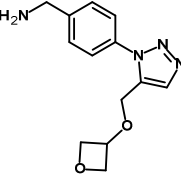
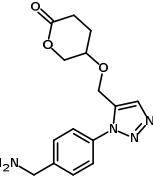
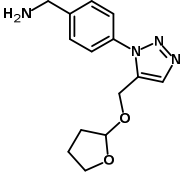
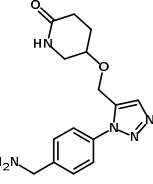
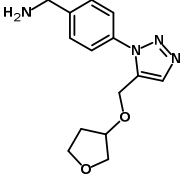
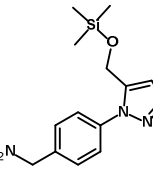
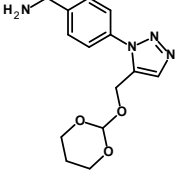
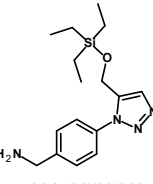
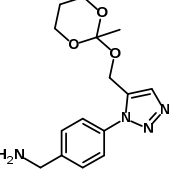
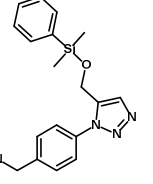
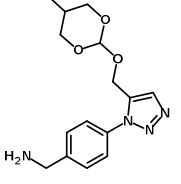
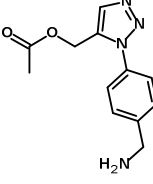
554	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>	562	 <chem>O=C(NC1)OCC1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
555	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>	563	 <chem>O=C(NC1)NCC1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
556	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>	564	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>
557	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>	565	 <chem>O=C(C(C1))NCC1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
558	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>	566	 <chem>C[Si](C)(C)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>
559	 <chem>NCC1=CC=C(N2N=NC=C2COC3COCC3)C=C1</chem>	567	 <chem>CC[Si](CC)(CC)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>
560	 <chem>CC1(OCCCO1)OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>	568	 <chem>C[Si](C)(C1=CC=CC=C1)OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
561	 <chem>CC(CO1)COC1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>	569	 <chem>CC(OCC1=CN=NN1C2=CC=C(C=C2)CN)=O</chem>

FIGURE 1EE

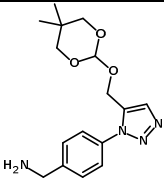
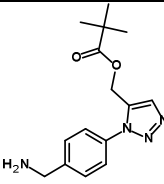
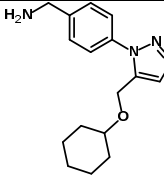
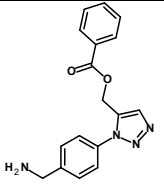
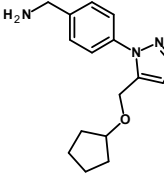
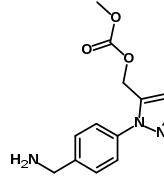
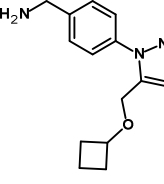
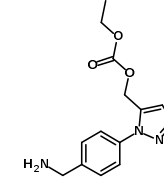
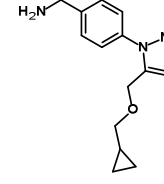
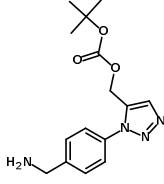
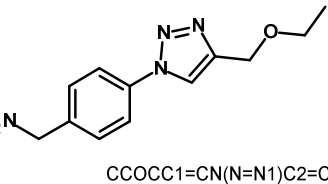
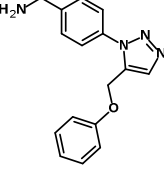
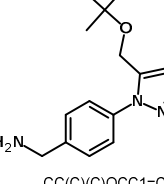
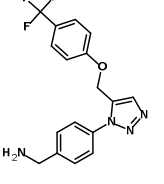
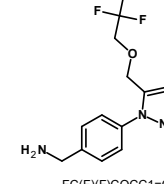
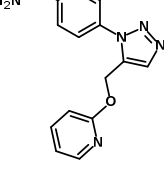
570	 <chem>CC(C)(CO1)COC1OC2=CN=NN2C3=CC=C(C=C3)CN</chem>	578	 <chem>O=C(C(C)(C)C)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>
571	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>	579	 <chem>O=C(C1=CC=CC=C1)OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
572	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>	580	 <chem>O=C(OC)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>
573	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>	581	 <chem>O=C(OC)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>
574	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>	582	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>
575	 <chem>CCOCC1=CN(N=N1)C2=CC=C(C=C2)CN</chem>	583	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>
576	 <chem>CC(C)(C)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>	584	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>
577	 <chem>FC(F)(F)OCC1=CN=NN1C2=CC=C(C=C2)CN</chem>	585	 <chem>NCC1=CC=C(N2N=NC=C2COC3CCCC3)C=C1</chem>

FIGURE 1FF

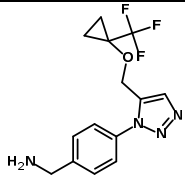
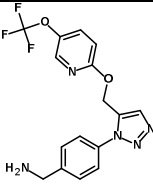
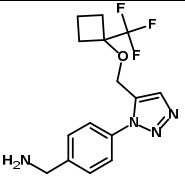
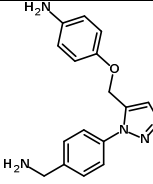
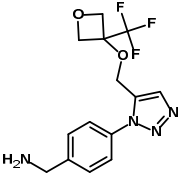
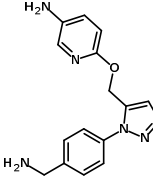
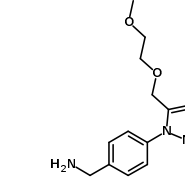
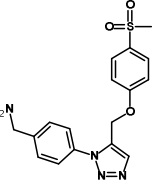
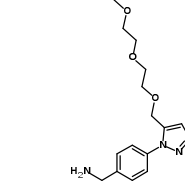
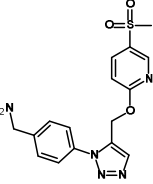
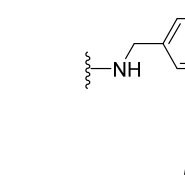
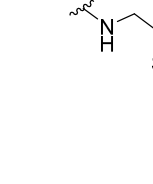
586	 <chem>FC(F)(F)C1(CC1)OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>	592	 <chem>FC(F)(F)OC(C=C1)=CN=C1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
587	 <chem>FC(F)(F)C1(CCC1)OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>	593	 <chem>NC(C=C1)=CC=C1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
588	 <chem>FC(F)(F)C1(COC1)OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>	594	 <chem>NC(C=C1)=CN=C1OCC2=CN=NN2C3=CC=C(C=C3)CN</chem>
589	 <chem>COCCOCC1=CN=NN1C2=CC=C(C=C2)CN</chem>	595	 <chem>O=S(C(C=C1)=CC=C1OCC2=CN=NN2C3=CC=C(C=C3)CN)(C)=O</chem>
590	 <chem>COCCOCCOCC1=CN=NN1C2=CC=C(C=C2)CN</chem>	596	 <chem>O=S(C(C=C1)=CN=C1OCC2=CN=NN2C3=CC=C(C=C3)CN)(C)=O</chem>
591	 <chem>COCCOCCOCC1=CN=NN1C2=CC=C(C=C2)CN</chem>	597	 <chem>COCCOCCOCC1=CN=NN1C2=CC=C(C=C2)CN</chem>

FIGURE 2A

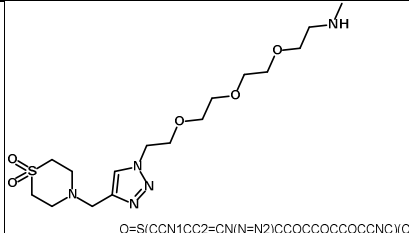
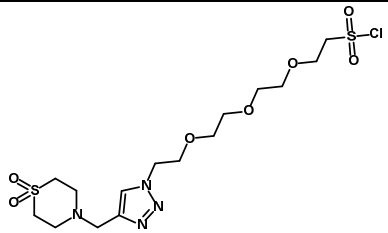
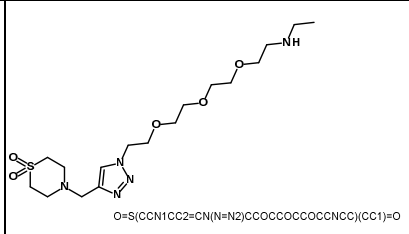
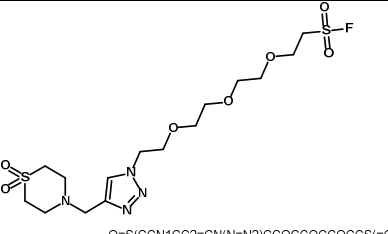
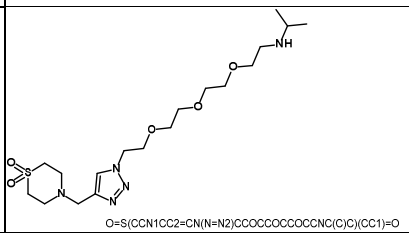
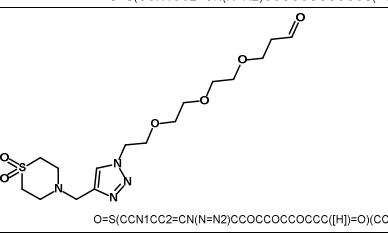
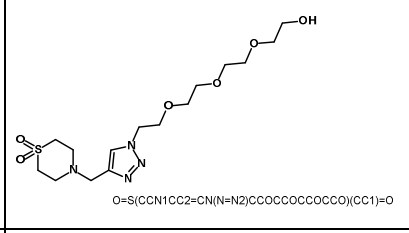
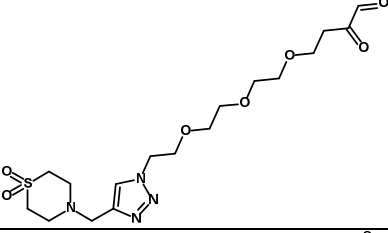
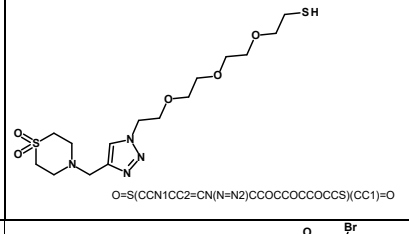
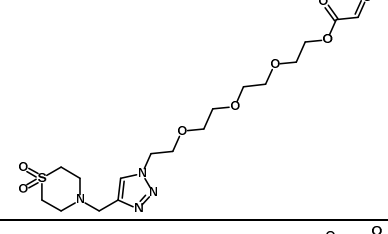
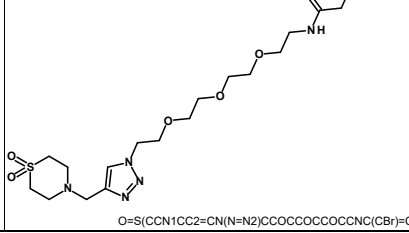
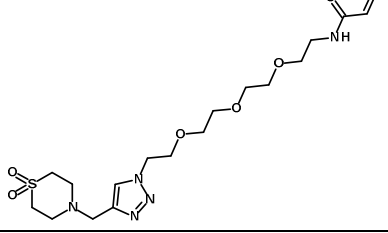
598	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC)(C)</chem>	604	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCS(=O)(=O)Cl)(C)</chem>
599	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC)(CC1)=O</chem>	605	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCS(=O)(=O)F)(=O)</chem>
600	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC(C)C)(CC1)=O</chem>	606	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCC(=O)C)([H])=O)(CC1</chem>
601	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCO)(CC1)=O</chem>	607	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCC(=O)C)([H])=O)(CC1</chem>
602	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCS)(CC1)=O</chem>	608	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCC(=O)O)(CC1)=O</chem>
603	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC(=O)CBr)(C</chem>	609	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC(=O)C(=O)O)(C</chem>

FIGURE 2B

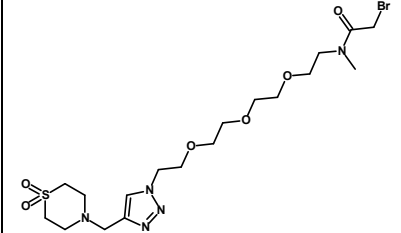
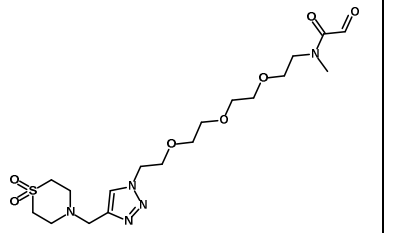
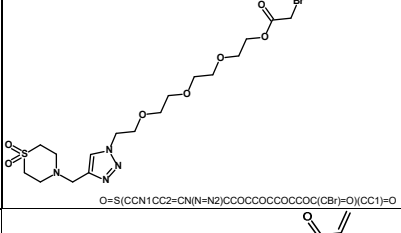
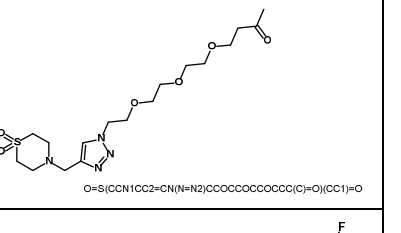
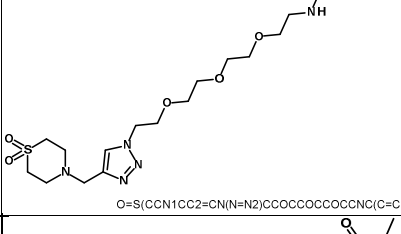
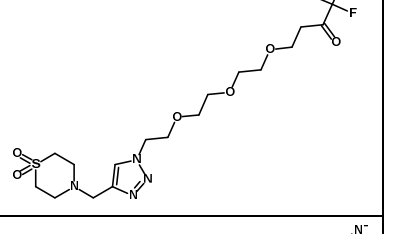
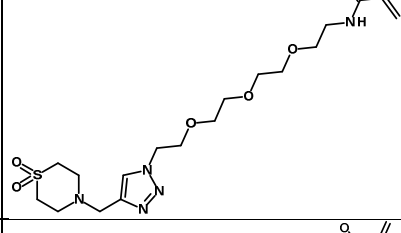
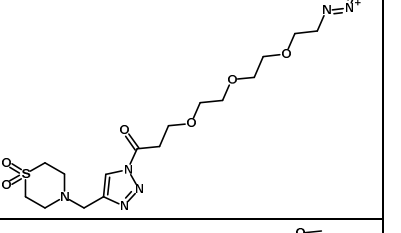
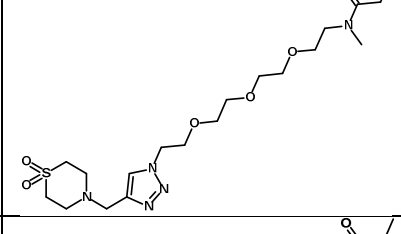
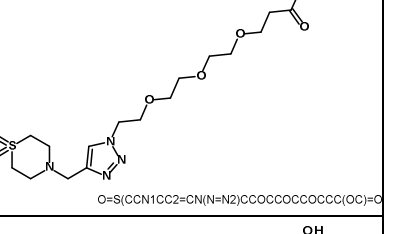
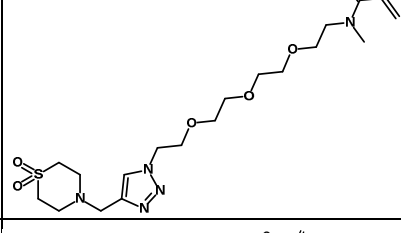
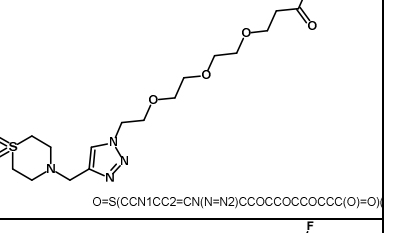
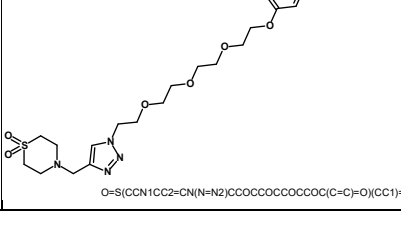
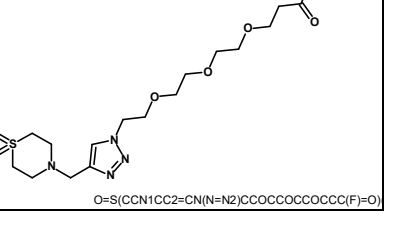
610		617	
611	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(CBr)=O)(CC1)=O</chem>	618	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(C)C(C)=O)(CC1)=O</chem>
612	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCCNC(C=C)=O)(C=C)=O</chem>	619	
613		620	
614		621	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(OC)=O)(OC)=O</chem>
615		622	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(O)=O)(O)=O</chem>
616	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(C=C)=O)(CC1)=O</chem>	623	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(F)=O)(F)=O</chem>

FIGURE 2C

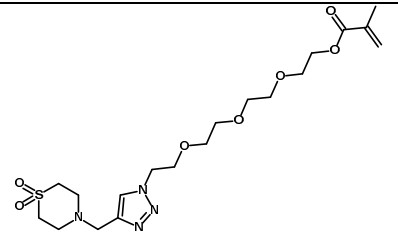
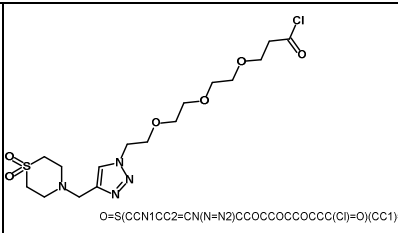
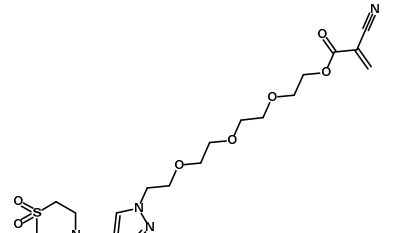
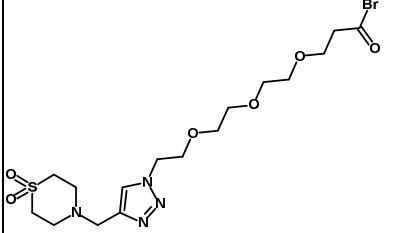
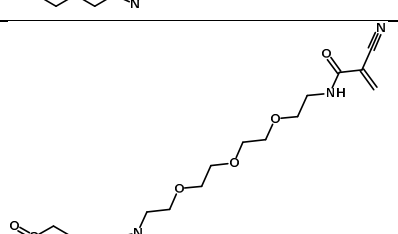
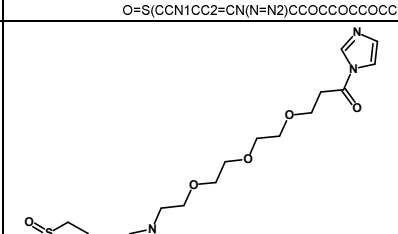
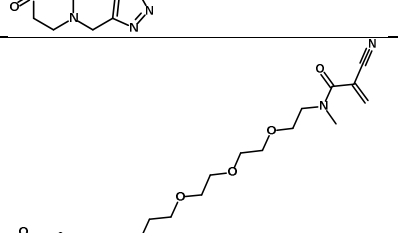
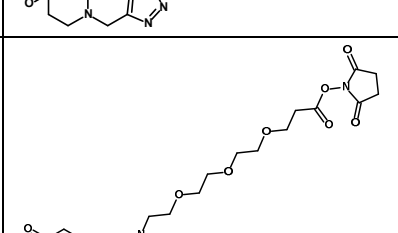
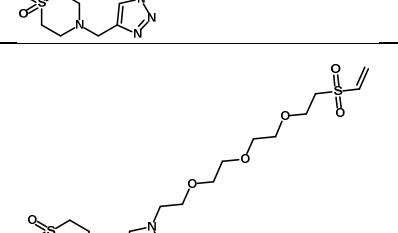
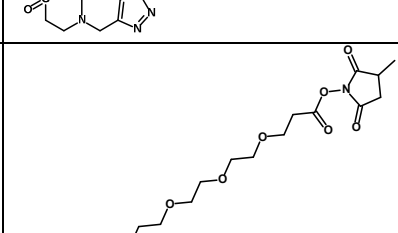
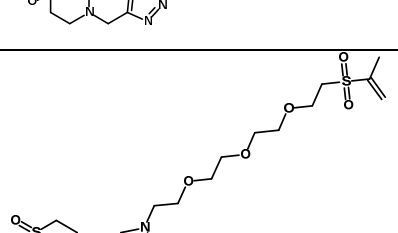
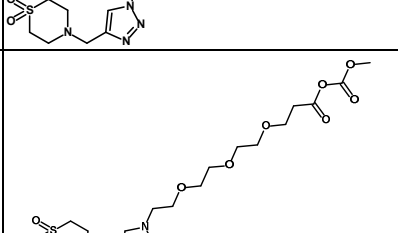
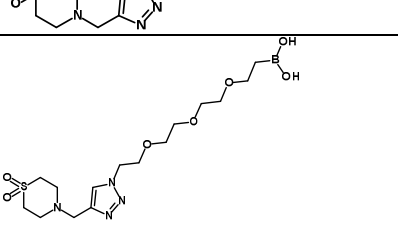
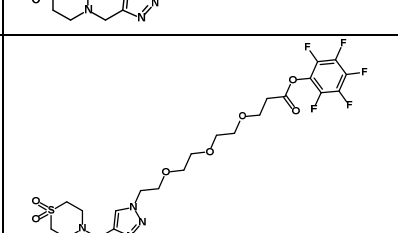
624		631	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(=O)Cl)(CC1)</chem>
625		632	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(=O)Br)(CC1)</chem>
626		633	
627		634	
628		635	
629		636	
630	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(O)O)(CC1)=O</chem>	637	

FIGURE 2D

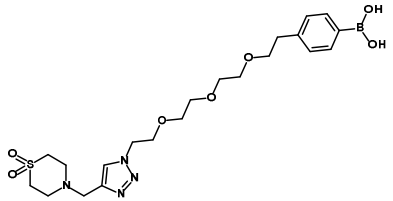
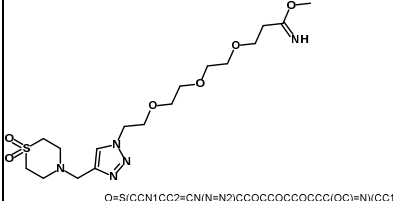
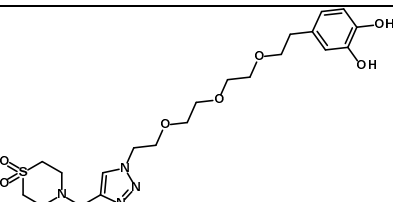
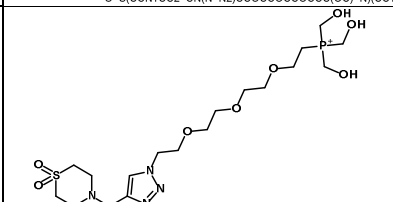
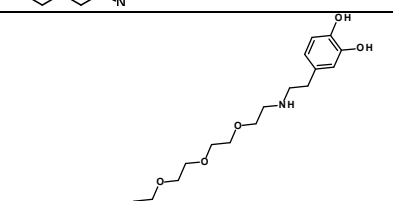
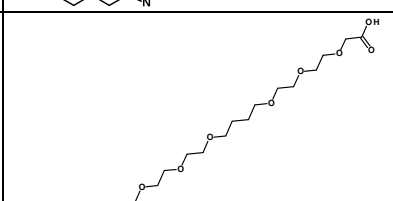
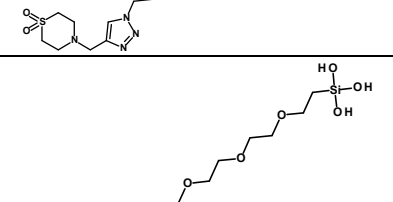
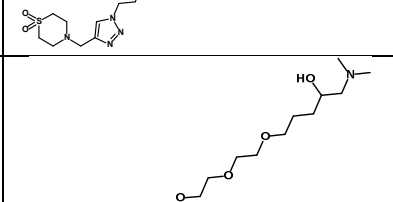
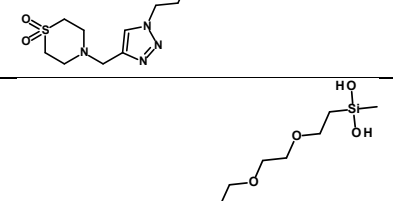
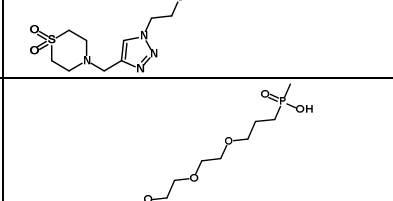
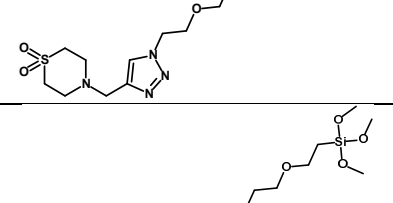
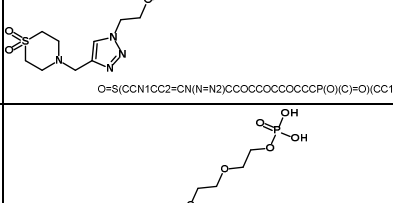
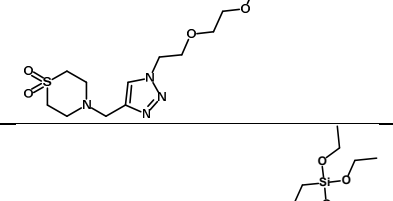
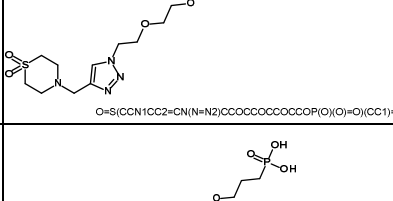
638		645	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC(OC)=N)(CC1)</chem>
639		646	
640		647	
641		648	
642		649	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCCP(O)(C)=O)(CC1)</chem>
643		650	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCCP(O)(O)=O)(CC1)=O</chem>
644		651	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCCP(O)(O)=O)(CC1)=O</chem>

FIGURE 2E

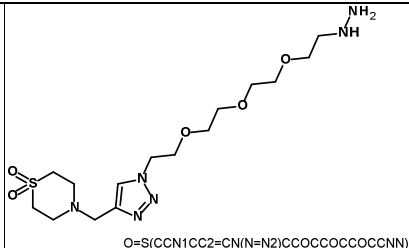
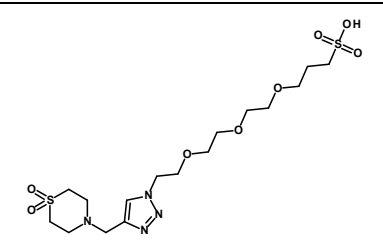
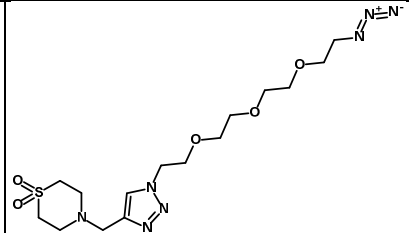
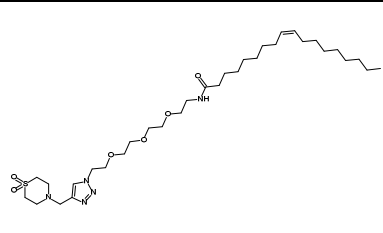
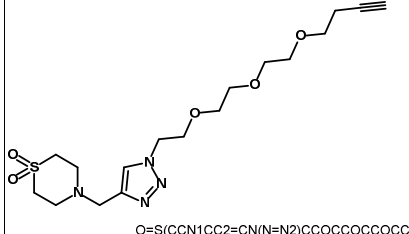
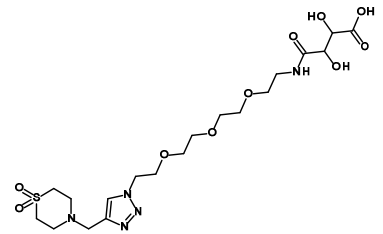
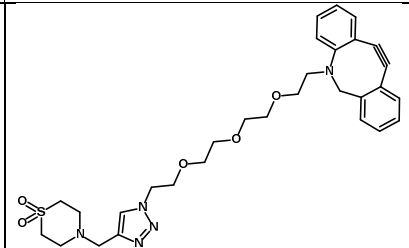
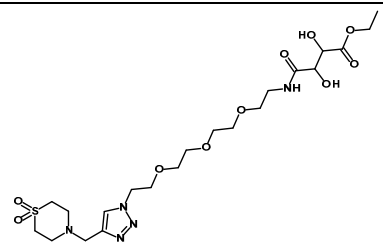
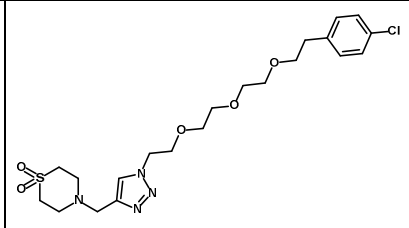
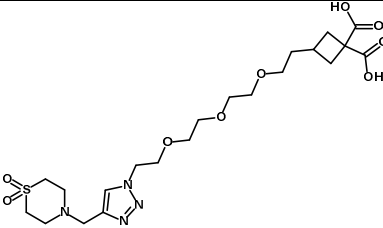
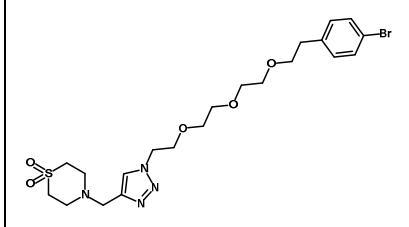
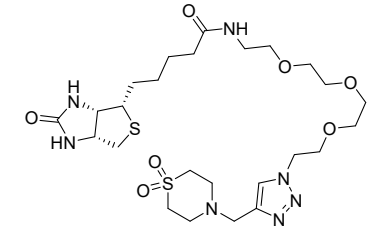
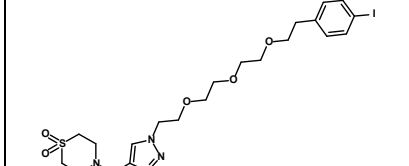
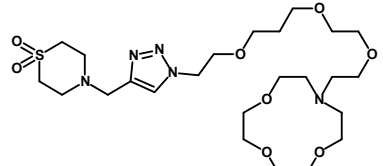
652	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCN)</chem>	659	
653	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCC[N-]=[N+]=[N-])</chem>	660	
654	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCC#C)</chem>	661	
655	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCc3ccc4c5ccccc5c6ccccc34n6)</chem>	662	
656	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCc3ccc(Cl)cc3)</chem>	663	
657	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCc3ccc(Br)cc3)</chem>	664	
658	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCc3ccc(I)cc3)</chem>	665	

FIGURE 2F

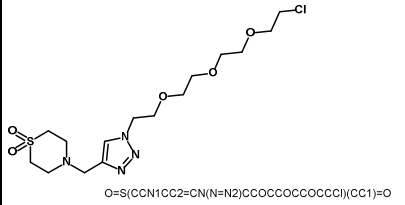
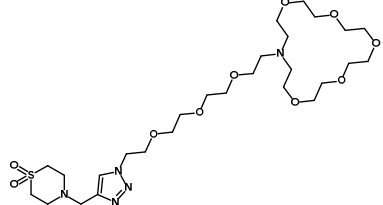
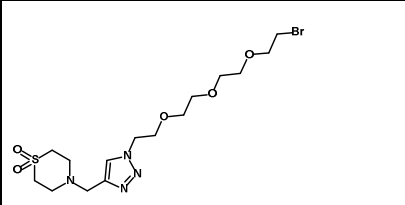
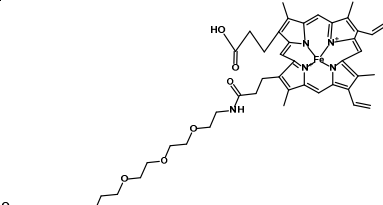
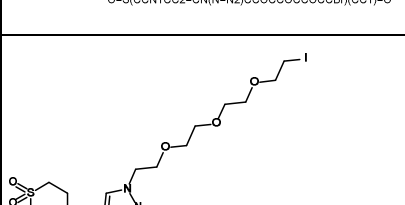
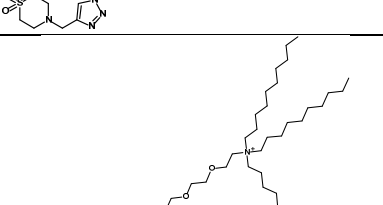
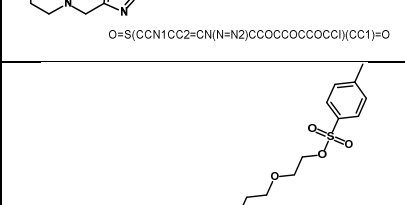
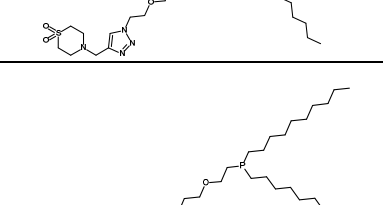
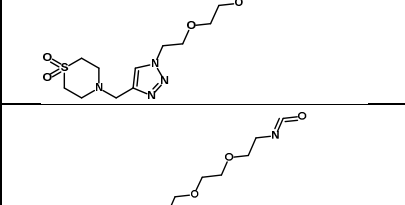
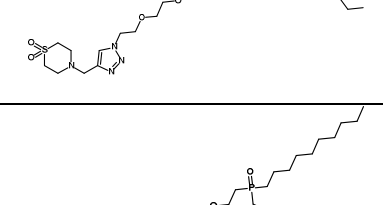
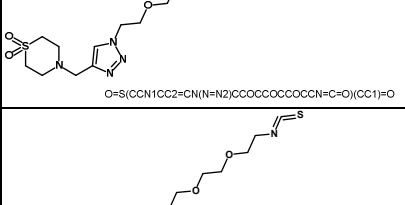
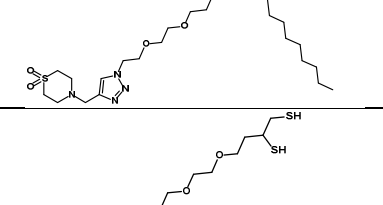
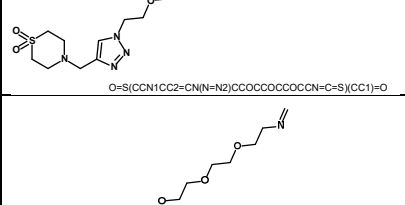
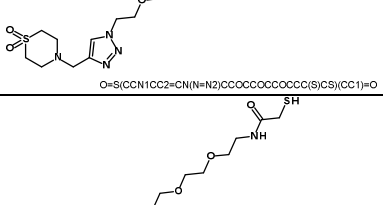
666	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCCl)(CC1)=O</chem>	673	
667	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCBr)(CC1)=O</chem>	674	
668	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCI)(CC1)=O</chem>	675	
669		676	
670	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCN#C)(CC1)=O</chem>	677	
671	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC=S)(CC1)=O</chem>	678	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC(S)S)(CC1)=O</chem>
672	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCN#C)(CC1)=O</chem>	679	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCNC(S)S)(CC1)=O</chem>

FIGURE 2G

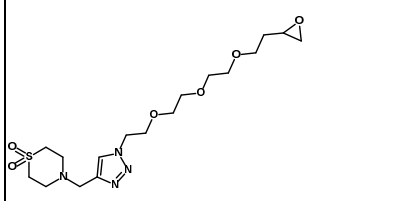
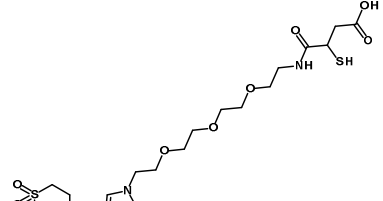
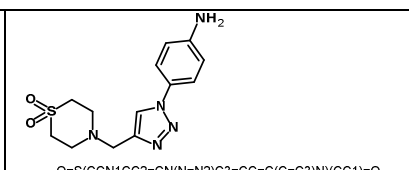
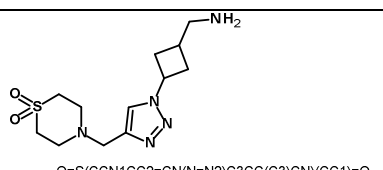
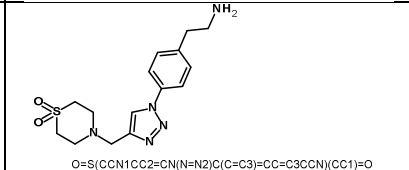
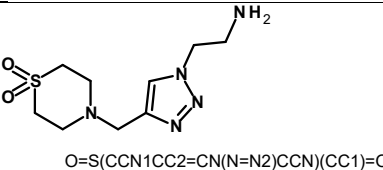
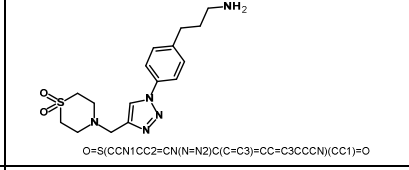
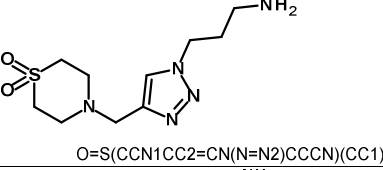
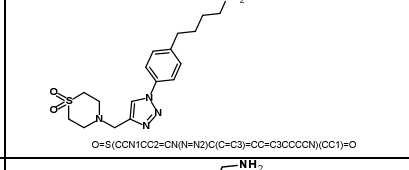
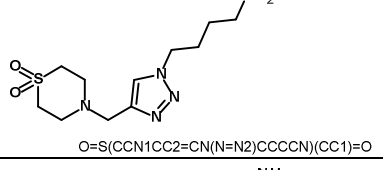
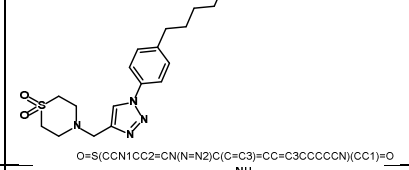
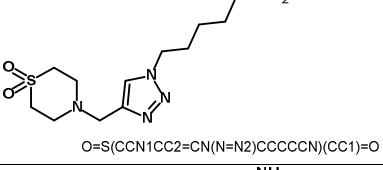
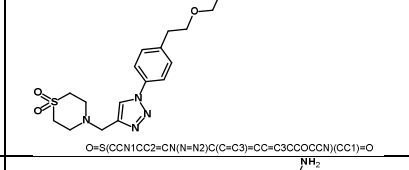
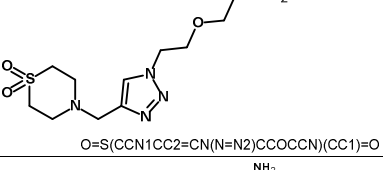
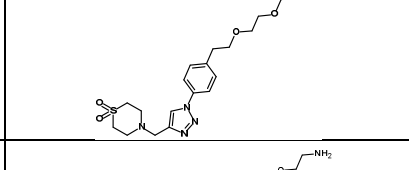
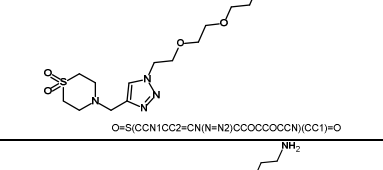
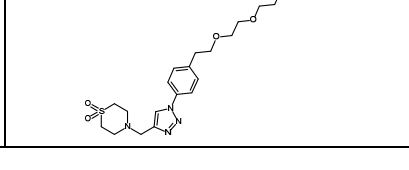
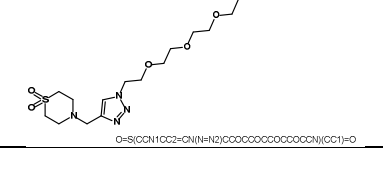
680	 <chem>O=S(CCN1CC2=CN(C(COCCOCCOCCOCC3OC3)N=N2)(CC1)=O</chem>	689	 <chem>O=S(CCN1CC2=CN(C(COCCOCCOCCOCCOCC(=O)CS)N=N2)(CC1)=O</chem>
681	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)N)(CC1)=O</chem>	690	 <chem>O=S(CCN1CC2=CN(N=N2)C3CC(C3)N)(CC1)=O</chem>
682	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCN)(CC1)=O</chem>	691	 <chem>O=S(CCN1CC2=CN(N=N2)CCN)(CC1)=O</chem>
683	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCN)(CC1)=O</chem>	692	 <chem>O=S(CCN1CC2=CN(N=N2)CCCN)(CC1)=O</chem>
684	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCCN)(CC1)=O</chem>	693	 <chem>O=S(CCN1CC2=CN(N=N2)CCCCN)(CC1)=O</chem>
685	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCCCN)(CC1)=O</chem>	694	 <chem>O=S(CCN1CC2=CN(N=N2)CCCCCN)(CC1)=O</chem>
686	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCOCCN)(CC1)=O</chem>	695	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCN)(CC1)=O</chem>
687	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCOCCN)(CC1)=O</chem>	696	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCN)(CC1)=O</chem>
688	 <chem>O=S(CCN1CC2=CN(N=N2)C(C=C3)=CC=C3CCOCCOCCN)(CC1)=O</chem>	697	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCN)(CC1)=O</chem>

FIGURE 2H

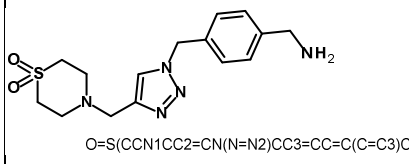
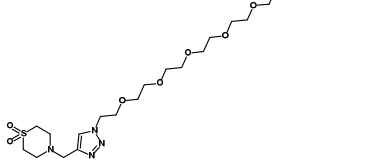
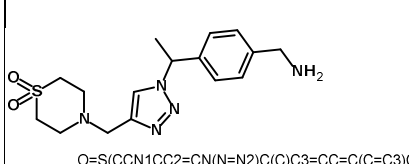
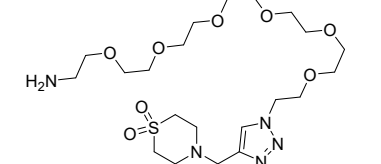
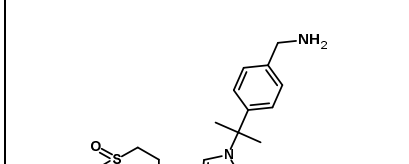
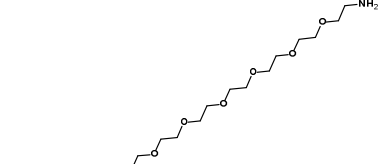
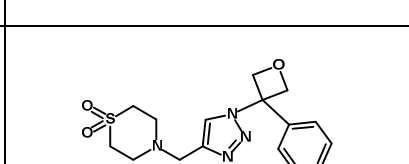
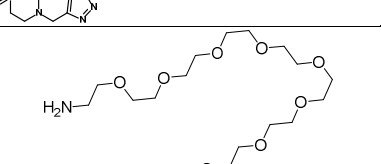
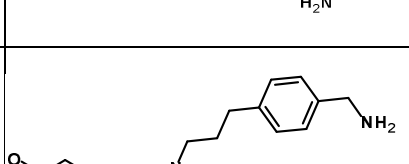
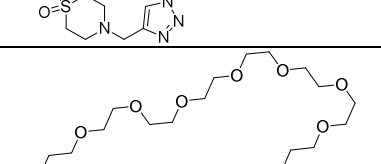
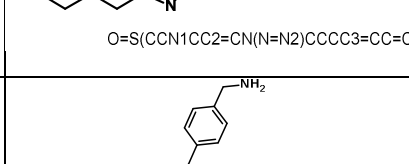
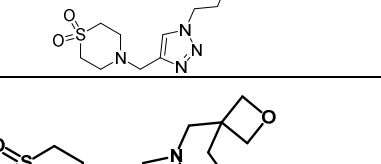
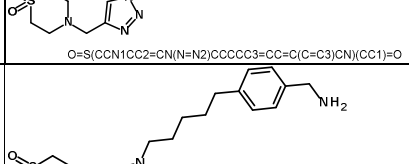
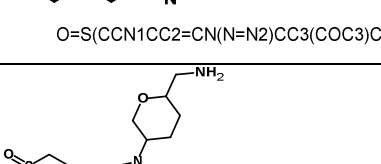
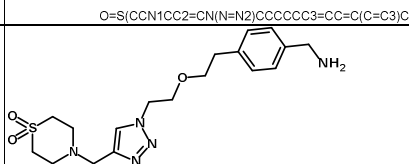
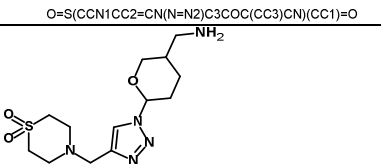
698	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	706	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
699	 <chem>O=S(CCN1CC2=CN(N=N2)C(C)C3=CC=C(C=C3)C</chem>	707	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
700	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	708	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
701	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	709	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
702	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	710	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
703	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	711	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
704	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	712	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>
705	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>	713	 <chem>O=S(CCN1CC2=CN(N=N2)CC3=CC=C(C=C3)C</chem>

FIGURE 2I

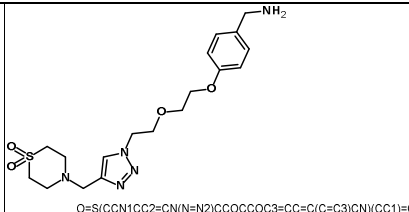
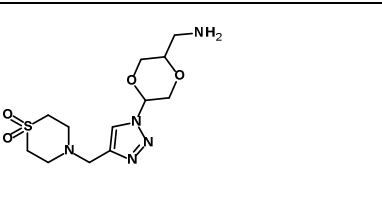
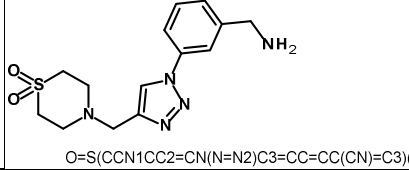
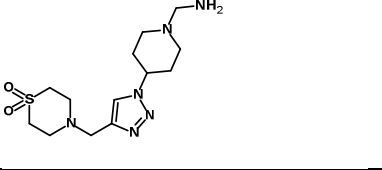
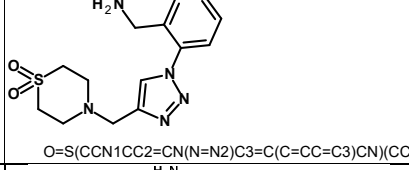
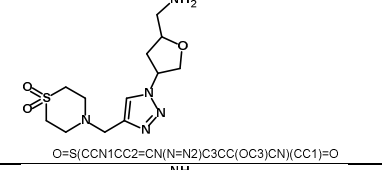
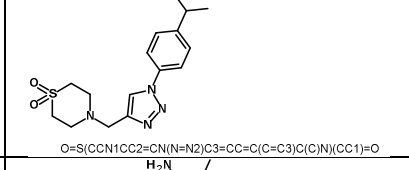
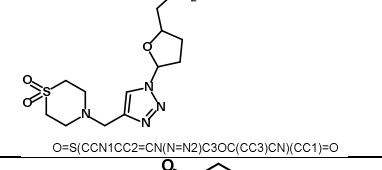
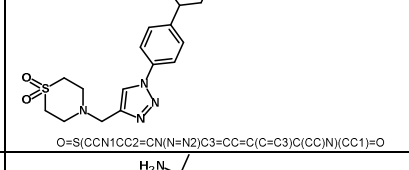
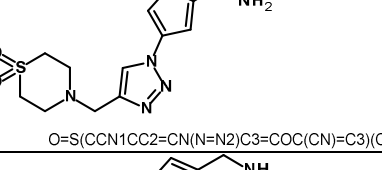
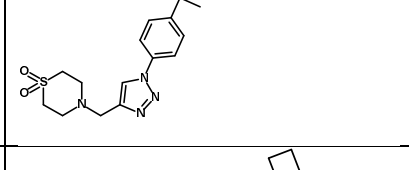
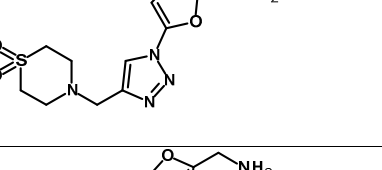
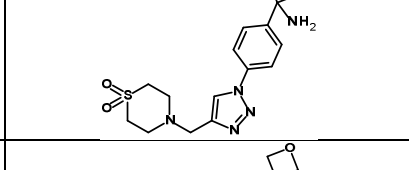
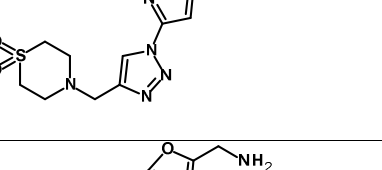
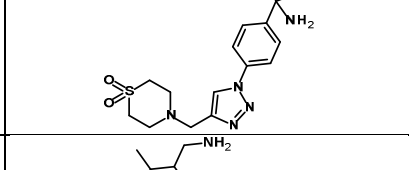
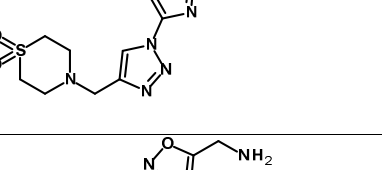
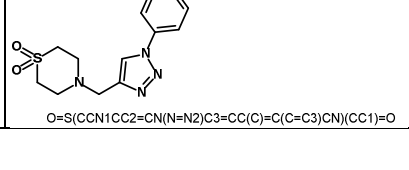
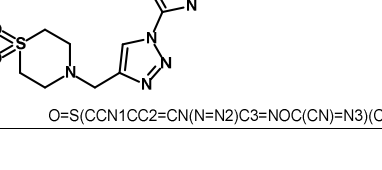
714	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCOC3=CC=C(C=C3)CN)(CC1)=O</chem>	723	
715	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=CC(CN)=C3)(CC1)=O</chem>	724	
716	 <chem>O=S(CCN1CC2=CN(N=N2)C3=C(C=CC=C3)CN)(CC1)=O</chem>	725	 <chem>O=S(CCN1CC2=CN(N=N2)C3OC(C3)CN)(CC1)=O</chem>
717	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>	726	 <chem>O=S(CCN1CC2=CN(N=N2)C3OC(C3)CN)(CC1)=O</chem>
718	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>	727	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>
719	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>	728	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>
720	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>	729	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>
721	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>	730	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>
722	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>	731	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC=C(C=C3)C(C)N)(CC1)=O</chem>

FIGURE 2J

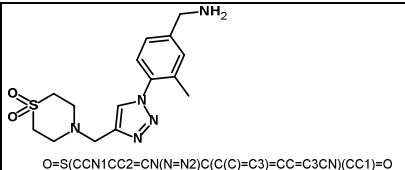
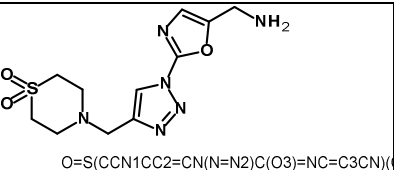
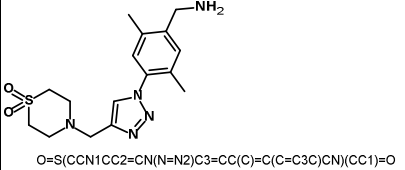
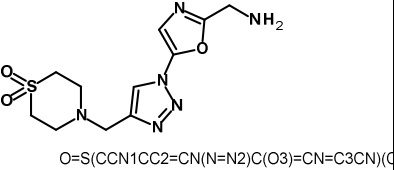
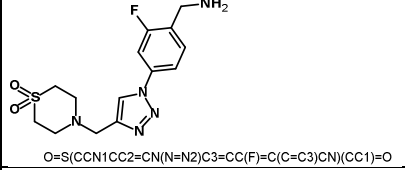
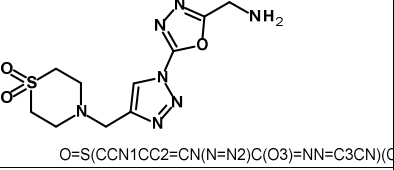
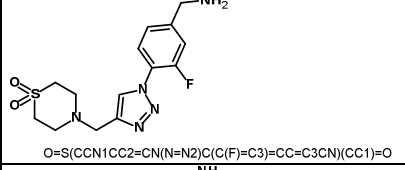
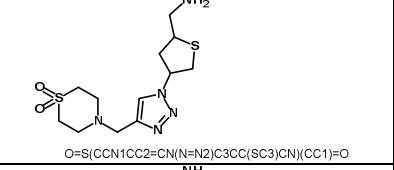
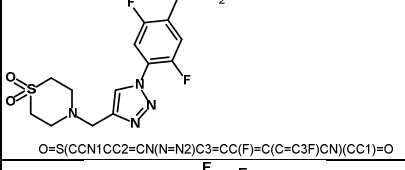
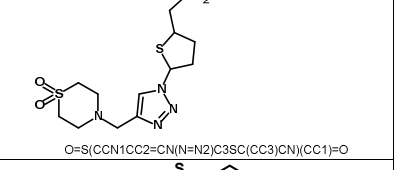
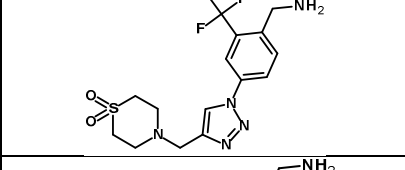
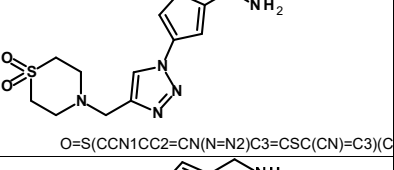
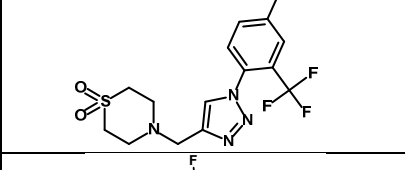
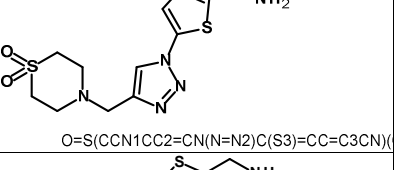
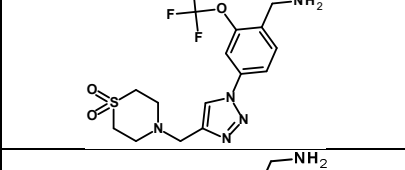
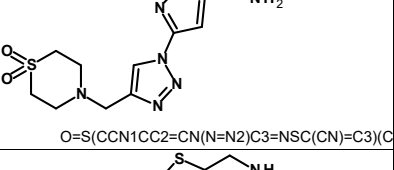
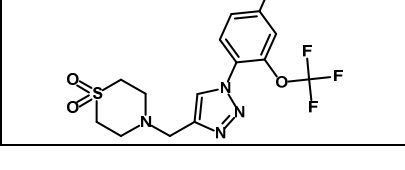
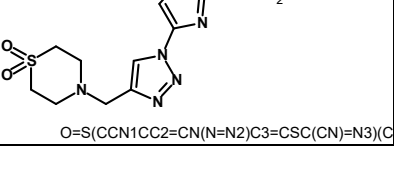
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734		743	
735		744	
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739		748	
740		749	

FIGURE 2K

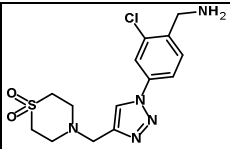
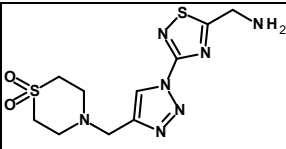
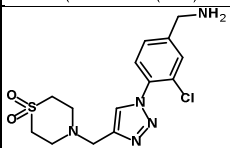
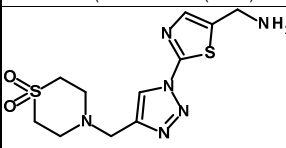
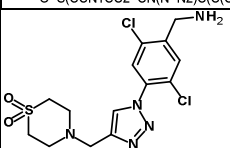
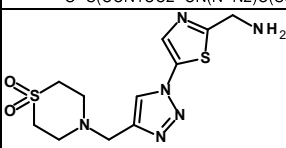
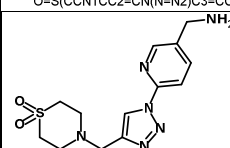
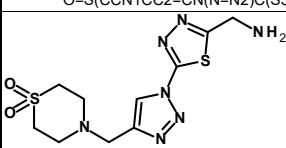
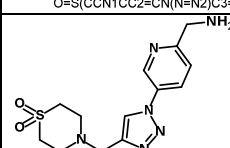
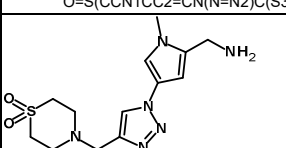
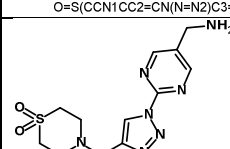
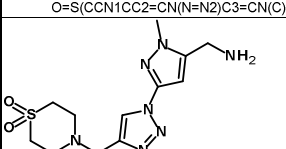
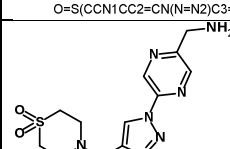
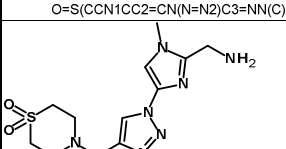
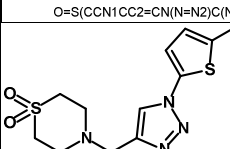
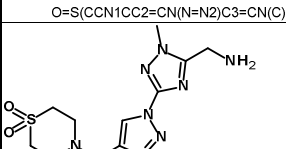
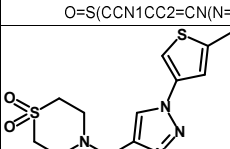
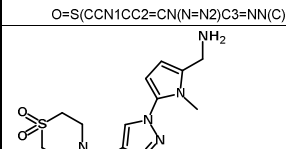
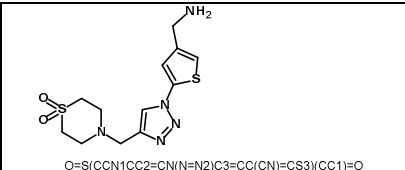
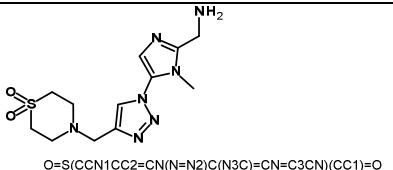
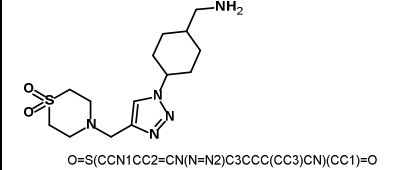
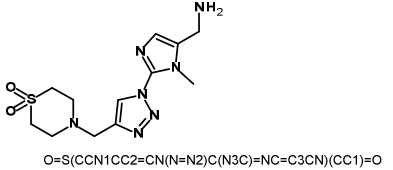
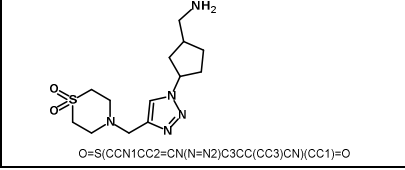
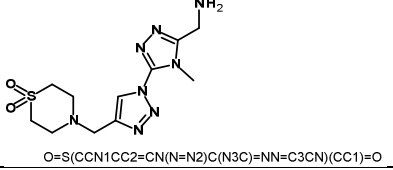
750	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC(Cl)=C(C=C3)CN)(CC1)=O</chem>	759	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NSC(CN)=N3)(CC1)=O</chem>
751	 <chem>O=S(CCN1CC2=CN(N=N2)C(C(Cl)=C3)=CC=C3CN)(CC1)=O</chem>	760	 <chem>O=S(CCN1CC2=CN(N=N2)C(C(S3)=NC=C3CN)(CC1)=O</chem>
752	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC(Cl)=C(C=C3)CN)(CC1)=O</chem>	761	 <chem>O=S(CCN1CC2=CN(N=N2)C(S3)=CN=C3CN)(CC1)=O</chem>
753	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NC=C(C=C3)CN)(CC1)=O</chem>	762	 <chem>O=S(CCN1CC2=CN(N=N2)C(S3)=NN=C3CN)(CC1)=O</chem>
754	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NC=C(C=C3)CN)(CC1)=O</chem>	763	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NC(C(CN)=C3)(CC1)=O</chem>
755	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NC=C(C=N3)CN)(CC1)=O</chem>	764	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NN(C(CN)=C3)(CC1)=O</chem>
756	 <chem>O=S(CCN1CC2=CN(N=N2)C(N=C3)=CN=C3CN)(CC1)=O</chem>	765	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NC(C(CN)=N3)(CC1)=O</chem>
757	 <chem>O=S(CCN1CC2=CN(N=N2)C(S3)=CC=C3CN)(CC1)=O</chem>	766	 <chem>O=S(CCN1CC2=CN(N=N2)C3=NN(C(CN)=N3)(CC1)=O</chem>
758	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CSC(CN)=C3)(CC1)=O</chem>	767	 <chem>O=S(CCN1CC2=CN(N=N2)C(N3O)=CC=C3CN)(CC1)=O</chem>

FIGURE 2L

768	 <chem>O=S(CCN1CC2=CN(N=N2)C3=CC(CN)=CS3)(CC1)=O</chem>	778	 <chem>O=S(CCN1CC2=CN(N=N2)C(N3C)=CN=C3CN)(CC1)=O</chem>
769	 <chem>O=S(CCN1CC2=CN(N=N2)C3CC(C(C3)CN)(CC1)=O</chem>	779	 <chem>O=S(CCN1CC2=CN(N=N2)C(N3C)=NC=C3CN)(CC1)=O</chem>
770	 <chem>O=S(CCN1CC2=CN(N=N2)C3CC(C(C3)CN)(CC1)=O</chem>	780	 <chem>O=S(CCN1CC2=CN(N=N2)C(N3C)=NN=C3CN)(CC1)=O</chem>

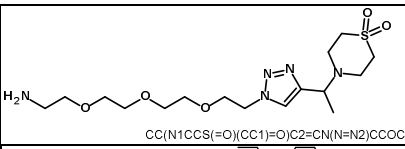
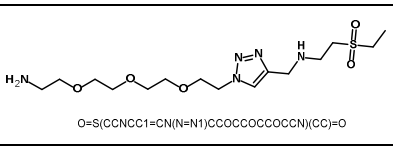
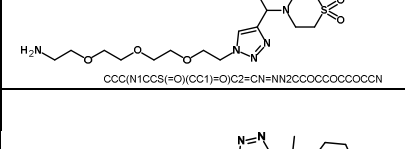
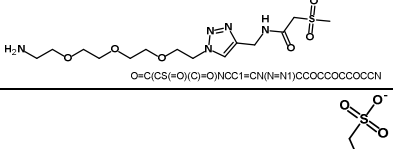
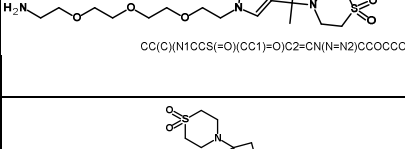
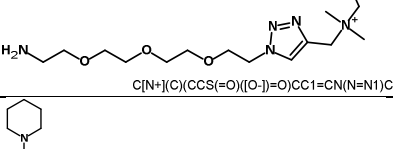
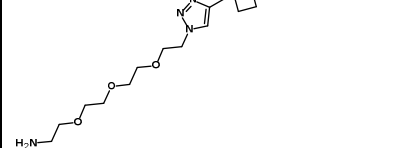
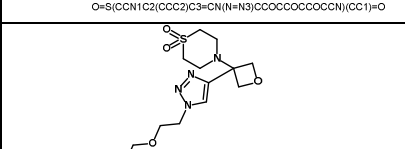
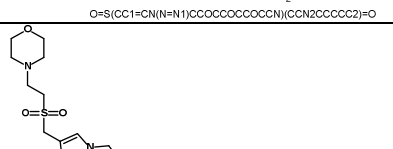
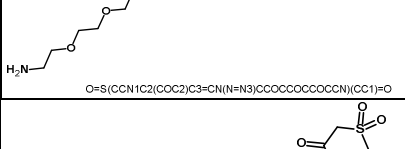
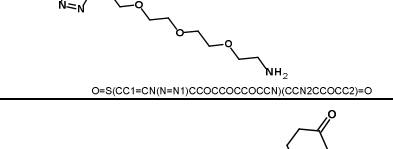
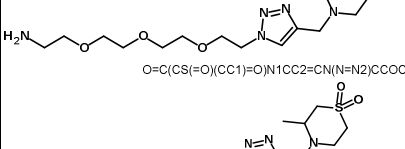
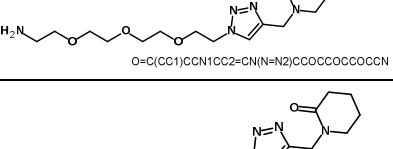
771	 <chem>CC(N1CCS(=O)(CC1)=O)C2=CN(N=N2)CCOC</chem>	781	 <chem>O=S(CCNCC1=CN(N=N1)CCOCOCOCOCN)(CC)=O</chem>
772	 <chem>CCC(N1CCS(=O)(CC1)=O)C2=CN=NN2COCOCOCOCN</chem>	782	 <chem>O=C(CS(=O)(C)=O)NCC1=CN(N=N1)COCOCOCOCN</chem>
773	 <chem>CC(C)(N1CCS(=O)(CC1)=O)C2=CN(N=N2)CCOCOC</chem>	783	 <chem>C[N+](C)(CCS(=O)([O-])=O)CC1=CN(N=N1)C</chem>
774	 <chem>O=S(CCN1C2(CCC2)C3=CN(N=N3)COCOCOCOCN)(CC1)=O</chem>	784	 <chem>O=S(CC1=CN(N=N1)COCOCOCOCN)(CCN2CCCC2)=O</chem>
775	 <chem>O=S(CCN1C2(CCC2)C3=CN(N=N3)COCOCOCOCN)(CC1)=O</chem>	785	 <chem>O=S(CC1=CN(N=N1)COCOCOCOCN)(CCN2CCCC2)=O</chem>
776	 <chem>O=C(CS(=O)(CC1)=O)N1CC2=CN(N=N2)CCOC</chem>	786	 <chem>O=C(C(C1)CCN1CC2=CN(N=N2)COCOCOCOCN</chem>
777	 <chem>CC(CS(=O)(CC1)=O)N1CC2=CN(N=N2)COCOCOC</chem>	787	 <chem>O=C(CCCC1)N1CC2=CN(N=N2)COCOCOC</chem>

FIGURE 2M

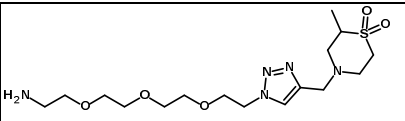
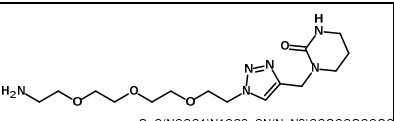
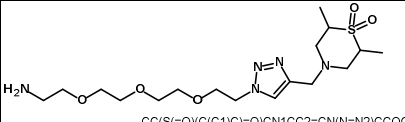
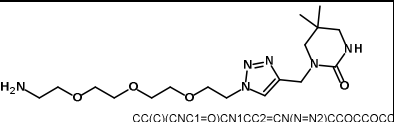
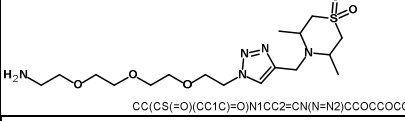
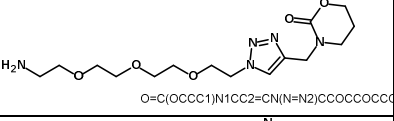
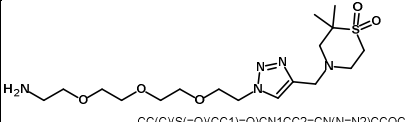
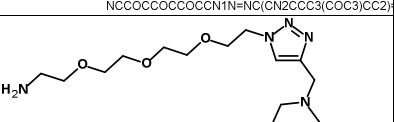
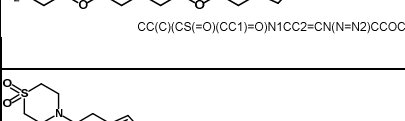
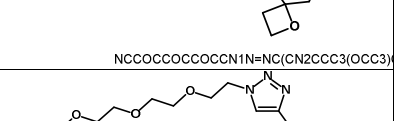
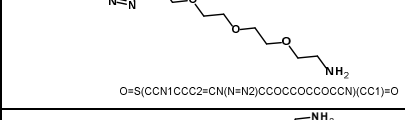
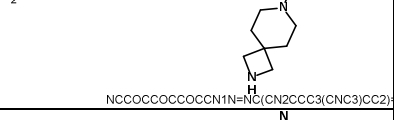
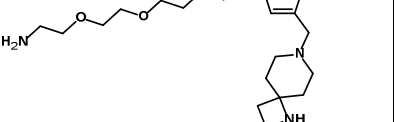
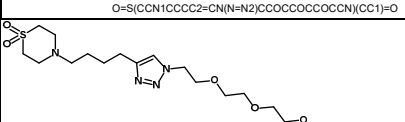
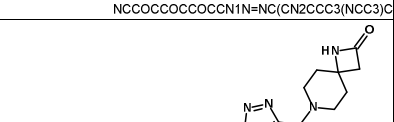
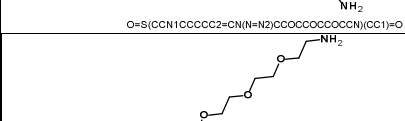
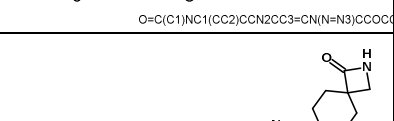
788	 <chem>CC(S(=O)(=O)CC1=O)CN1CC2=CN(N=N2)CCOC</chem>	798	 <chem>O=C(NCCC1)N1CC2=CN(N=N2)CCOCOCOCOC</chem>
789	 <chem>CC(S(=O)(=O)C(C1C)=O)CN1CC2=CN(N=N2)CCOC</chem>	799	 <chem>CC(C)(CNC1=O)N1CC2=CN(N=N2)CCOCOCOC</chem>
790	 <chem>CC(CS(=O)(=O)C(C1C)=O)N1CC2=CN(N=N2)CCOCOCOC</chem>	800	 <chem>O=C(OCCCC1)N1CC2=CN(N=N2)CCOCOCOC</chem>
791	 <chem>CC(C)(S(=O)(=O)CC1=O)CN1CC2=CN(N=N2)CCOC</chem>	801	 <chem>NCCOCOCOCOCN1N=NC(CN2CCC3(COC3)CC2)C</chem>
792	 <chem>CC(C)(CS(=O)(=O)CC1=O)N1CC2=CN(N=N2)CCOC</chem>	802	 <chem>NCCOCOCOCOCN1N=NC(CN2CCC3(COC3)CC2)C</chem>
793	 <chem>O=S(CCN1CCC2=CN(N=N2)CCOCOCOCOCN)(CC1)=O</chem>	803	 <chem>NCCOCOCOCOCN1N=NC(CN2CCC3(CNC3)CC2)C</chem>
794	 <chem>O=S(CCN1CCC2=CN(N=N2)CCOCOCOCOCN)(CC1)=O</chem>	804	 <chem>NCCOCOCOCOCN1N=NC(CN2CCC3(NCC3)CC2)C</chem>
795	 <chem>O=S(CCN1CCC2=CN(N=N2)CCOCOCOCOCN)(CC1)=O</chem>	805	 <chem>O=C(C1)NC1(C2)CCN2CC3=CN(N=N3)CCOC</chem>
796	 <chem>O=S(CCN1CCCC2=CN(N=N2)CCOCOCOCOCN)(CC1)=O</chem>	806	 <chem>O=C(NC1)C1(C2)CCN2CC3=CN(N=N3)CCOC</chem>
797	 <chem>O=S(CCN1COC2=CN(N=N2)CCOCOCOCOCN)(CC1)=O</chem>	807	 <chem>NCCOCOCOCOCN1N=NC(CN2CCC3(CC2)OCC3)=C1</chem>

FIGURE 2N

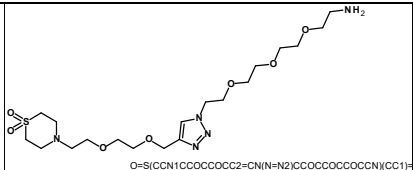
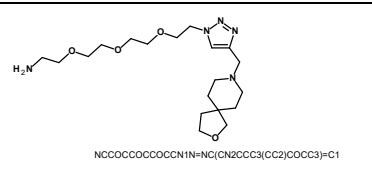
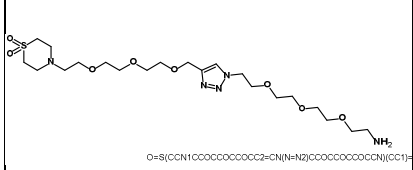
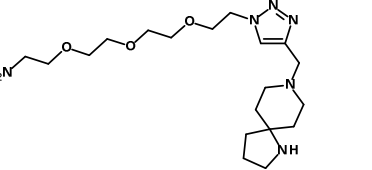
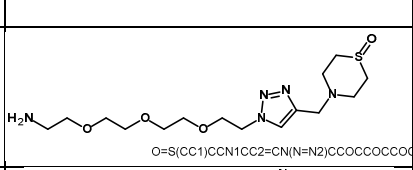
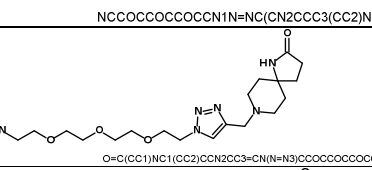
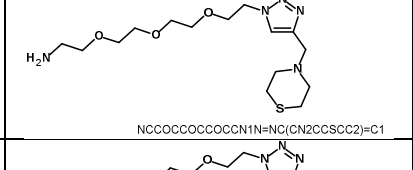
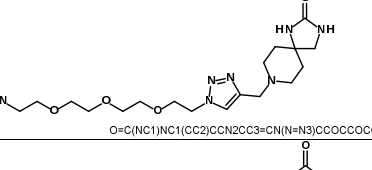
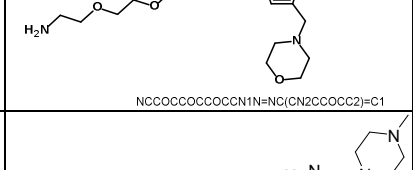
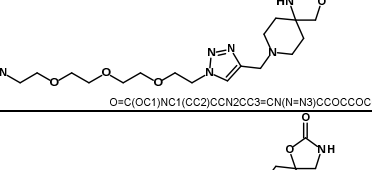
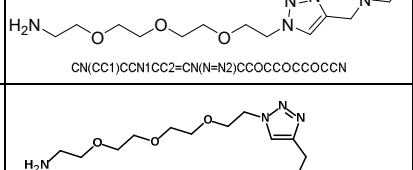
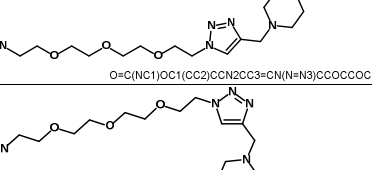
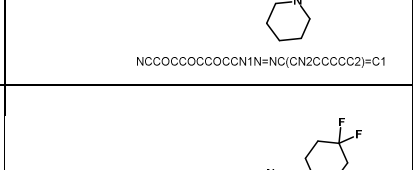
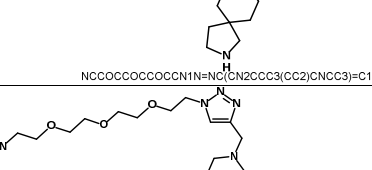
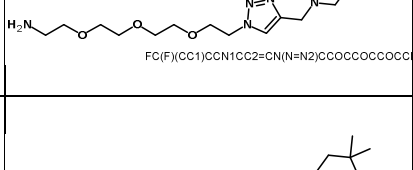
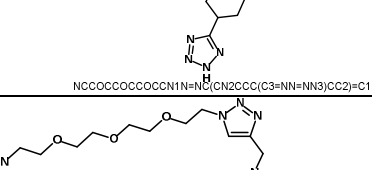
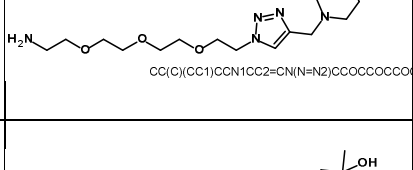
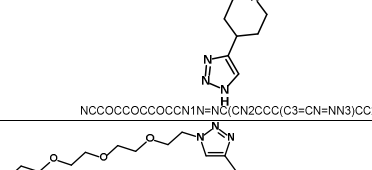
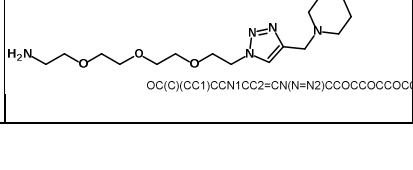
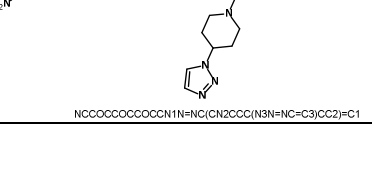
808	 <chem>O=S(=O)(CC1CCOCCOCC2=CN(N=N2)CCOCCOCCOCCN)(CC1)F</chem>	818	 <chem>NCCOCCOCCOCCN1N=NC(CN2CC3(C)C2)C(C)C3=C1</chem>
809	 <chem>O=S(=O)(CC1CCOCCOCCOCC2=CN(N=N2)CCOCCOCCOCCN)(CC1)F</chem>	819	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCC3(C)C2)NC</chem>
810	 <chem>O=S(=O)(CC1)CCN1CC2=CN(N=N2)CCOCCOCCOCC</chem>	820	 <chem>O=C(C(C1)NC1(C)C2)CCN2CC3=CN(N=N3)CCOCCOCCOCC</chem>
811	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCSCC2)=C1</chem>	821	 <chem>O=C(C(C1)NC1(C)C2)CCN2CC3=CN(N=N3)CCOCCOCCOCC</chem>
812	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCOCC2)=C1</chem>	822	 <chem>O=C(C(C1)NC1(C)C2)CCN2CC3=CN(N=N3)CCOCCOCCOCC</chem>
813	 <chem>CN(C(C1)CCN1CC2=CN(N=N2)CCOCCOCCOCCN</chem>	823	 <chem>O=C(C(C1)NC1(C)C2)CCN2CC3=CN(N=N3)CCOCCOCCOCC</chem>
814	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCCCC2)=C1</chem>	824	 <chem>NCCOCCOCCOCCN1N=NC(CN2CC3(C)C2)C(C)C3=C1</chem>
815	 <chem>FC(F)(CC1)CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC</chem>	825	 <chem>NCCOCCOCCOCCN1N=NC(CN2CC3(C)C2)C(C)C3=C1</chem>
816	 <chem>CC(C)(CC1)CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC</chem>	826	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCC(C)C2)C(C)C3=CN(NN3)CC2</chem>
817	 <chem>OC(C)(CC1)CCN1CC2=CN(N=N2)CCOCCOCCOCCOCC</chem>	827	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCC(N3N=NC(C)C3)=C1</chem>

FIGURE 20

828	 <chem>O=S(=O)(CCN1CC2=CN(N=N)C(COC2COCCOCCNC)=CC1)CCN1CCCCS1(=O)=O</chem>	835	 <chem>NCCOCCOCCOCCOCCOCCOCCOCCN1C=NC2CCC(N3N=CC=C(N3)C4C=CC=CC=C4)N1</chem>
829	 <chem>CN(CC(S(=O)(=O)C)=O)(C)=O)CC1=CN(N=N1)CCOCCOCCOCCOCCN</chem>	836	 <chem>C[Si](C)(C)CC1CCN1CC2=CN(N=N2)CCOCCOCCOCCOCCN</chem>
830	 <chem>NCCOCCOCCOCCOCCOCCOCCN1C=NC2=NN=C(C2)N1CS(=O)(=O)N3CCCCS3</chem>	837	 <chem>NCCOCCOCCOCCOCCOCCOCCN1C=NC2=NN=C(C2)N1CS(=O)(=O)N3CCCCS3</chem>
831	 <chem>NCCOCCOCCOCCOCCOCCOCCN1C=NC2=NN=C(C2)N1COc3ccccc3</chem>	838	 <chem>NCCOCCOCCOCCOCCOCCOCCN1C=NC2=NN=C(C2)N1COc3ccccc3</chem>

832		<chem>O=S(CCN1CC2=CN=NN2COCOCOCOC(N)C)C(=O)</chem>
833		<chem>O=S(CCN1CC2=CN=NN2COCOCOCOC(NC)C)C(=O)</chem>
834		<chem>O=S(CCN1CC2=CN=NN2COCOCOCOC(N)C)C(=O)</chem>
839		<chem>O=S(CCN1CC2=CN=NN2COCOCOCOC(S(=O)(=O)Cl)C)C(=O)</chem>
840		<chem>O=S(CCN1CC2=CN=NN2COCOCOCOC(S(=O)(=O)F)C)C(=O)</chem>
841		<chem>O=S(CCN1CC2=CN=NN2COCOCOCOC(C=O)C)C(=O)</chem>

FIGURE 2P

842	 O=S(CCN1CC2=CN=NN2COCOCOCOCNC(C)C)(CC1)=O	848	
843	 O=S(CCN1CC2=CN=NN2COCOCOCOCOCO)(CC1)=O	849	
844	 O=S(CCN1CC2=CN=NN2COCOCOCOCSCC)(CC1)=O	850	
845	 O=S(CCN1CC2=CN=NN2COCOCOCOCNC(CBr)C)(CC1)=O	851	
846	 O=S(CCN1CC2=CN=NN2COCOCOCOCNC(C)C(CBr)=O)(CC1)=O	852	
847		853	

FIGURE 2Q

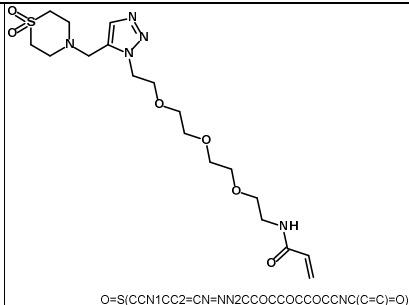
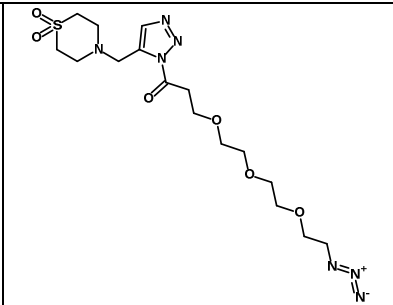
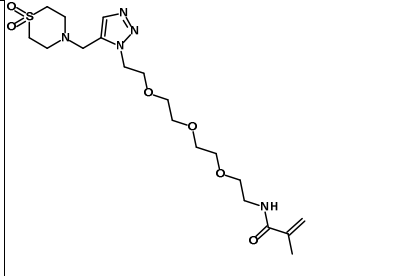
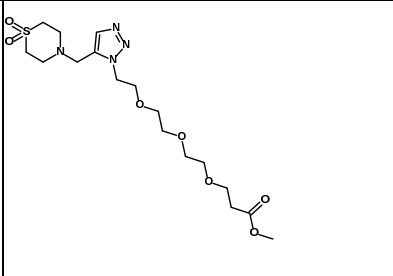
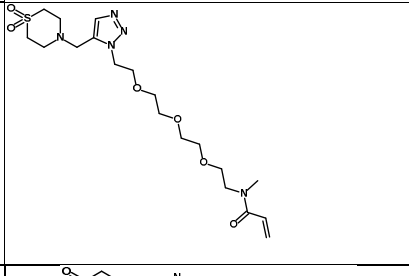
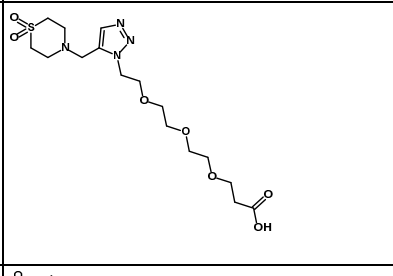
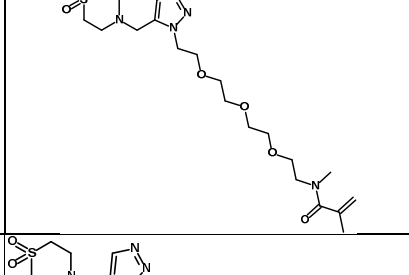
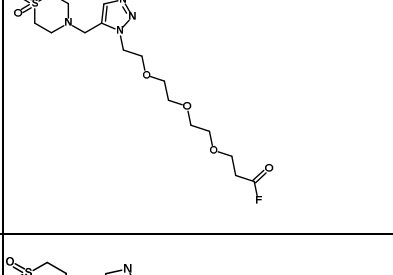
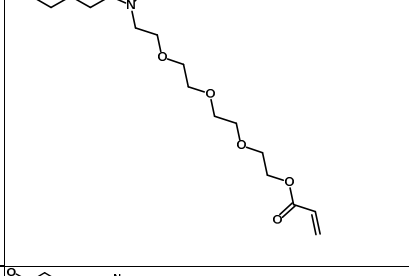
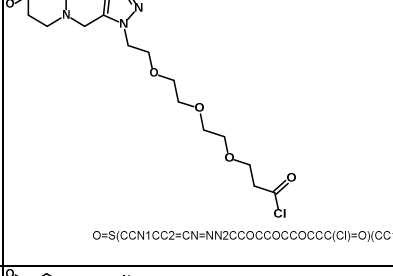
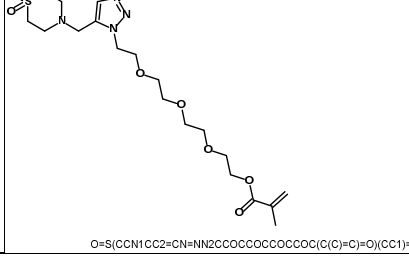
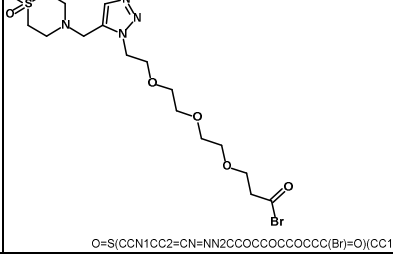
854	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(C)=O)C1</chem>	860	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCC[N+]#N)C1</chem>
855	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(C)=O)C1</chem>	861	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOC)C1</chem>
856	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(C)=O)C1</chem>	862	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCC(=O)O)C1</chem>
857	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(C)=O)C1</chem>	863	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCF)C1</chem>
858	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(C)=O)C1</chem>	864	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCCl)C1</chem>
859	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(C)=O)C1</chem>	865	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCBr)C1</chem>

FIGURE 2R

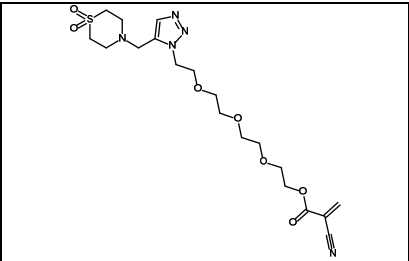
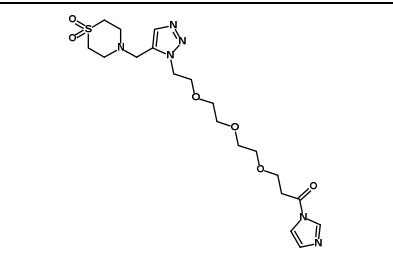
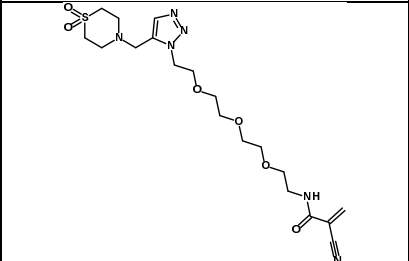
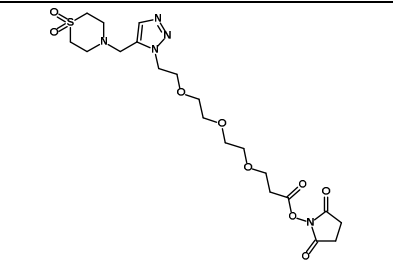
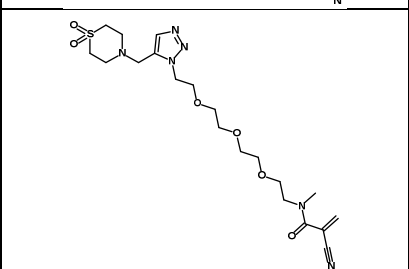
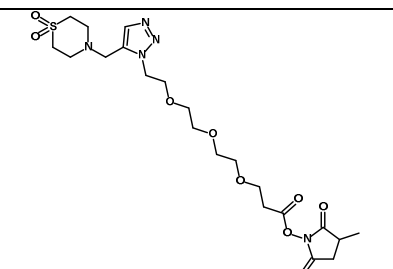
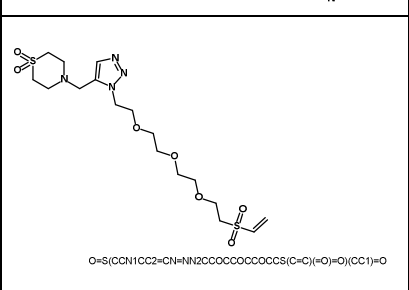
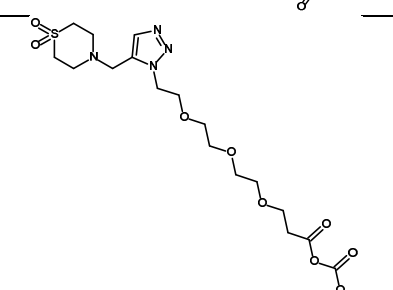
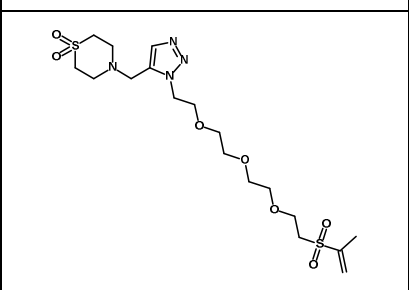
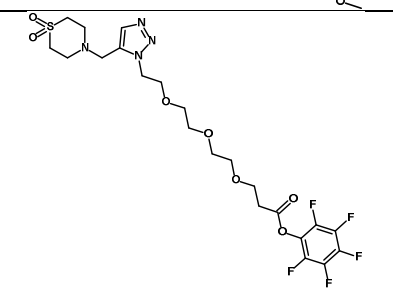
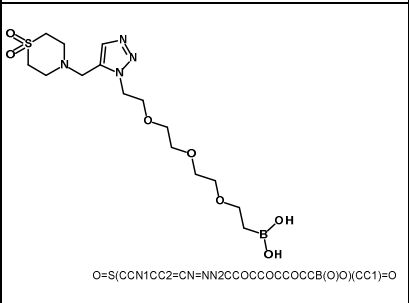
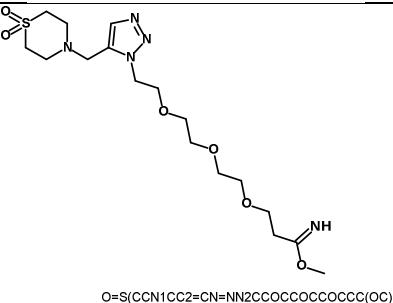
866		872	
867		873	
868		874	
869	 <chem>O=S(CCN1CC2=CN=NN2COCOCOCOCOCSC(C)=C)(=O)(O)(CC1)=O</chem>	875	
870		876	
871	 <chem>O=S(CCN1CC2=CN=NN2COCOCOCOCOCB(O)O)(O)(CC1)=O</chem>	877	 <chem>O=S(CCN1CC2=CN=NN2COCOCOCOCOC(O)C(OC)=O</chem>

FIGURE 2S

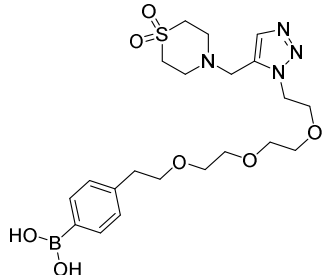
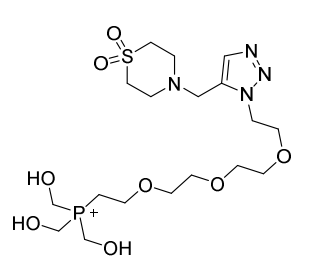
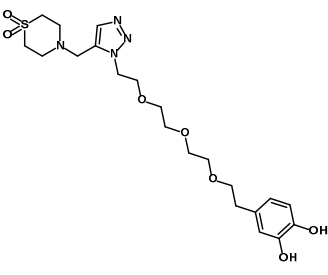
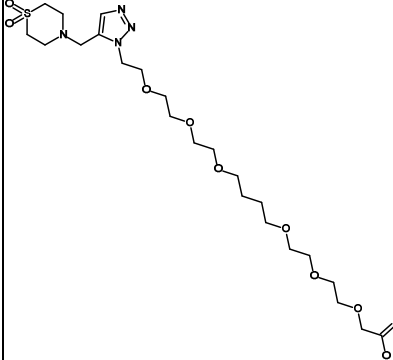
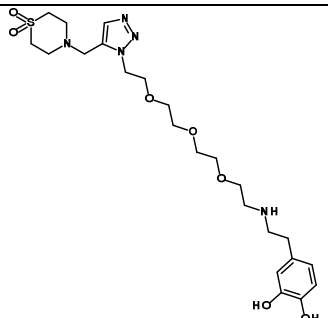
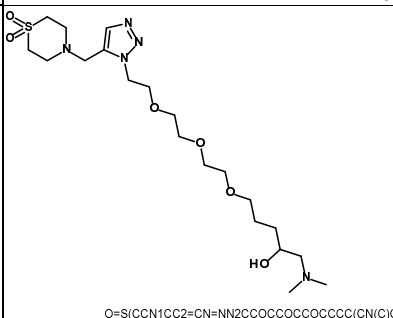
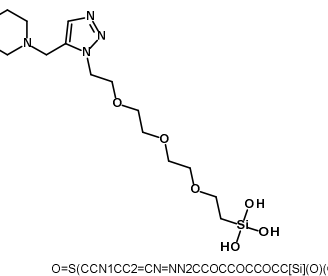
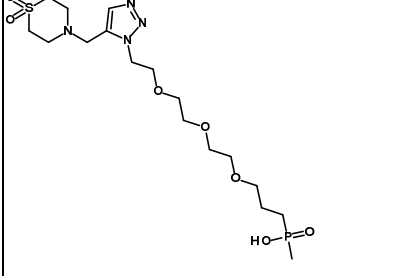
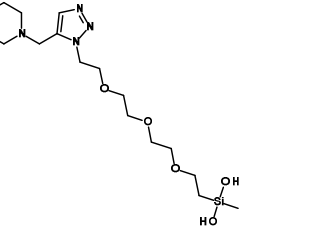
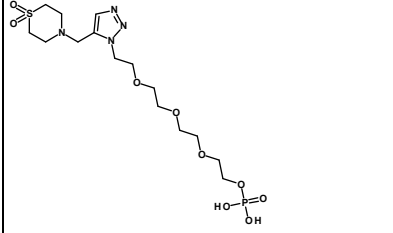
878		883	
879		884	
880		885	
881	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCC[Si](O)(O)(O)CC1=O</chem>	886	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCP(O)(O)(O)CC1=O</chem>
882	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCC[Si](O)(O)(O)CC1=O</chem>	887	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCOP(O)(O)(O)CC1=O</chem>

FIGURE 2T

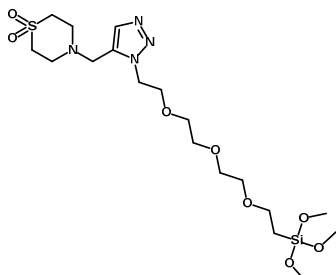
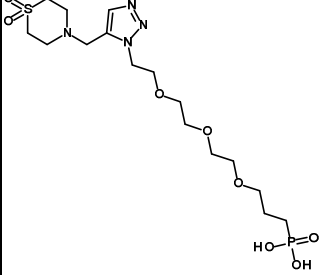
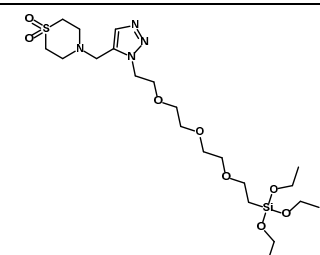
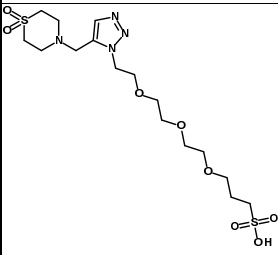
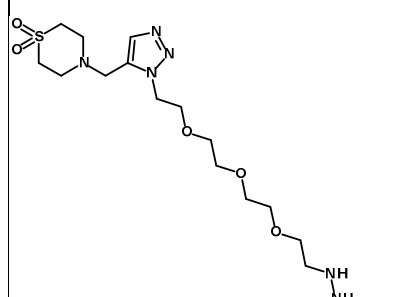
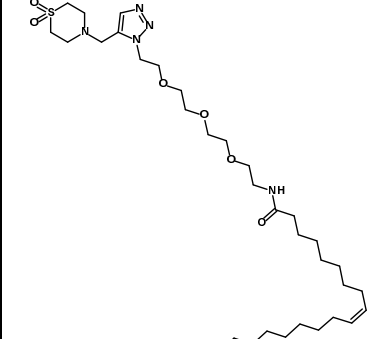
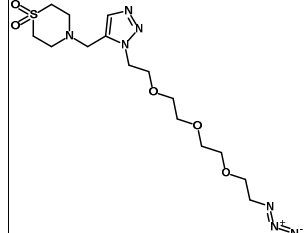
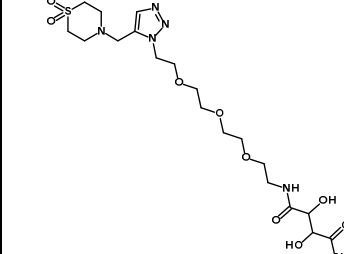
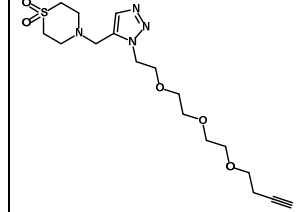
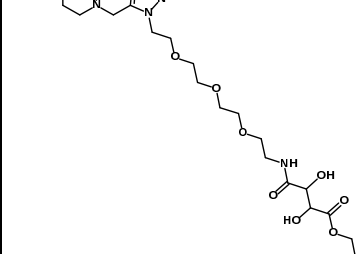
888		893	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCP(=O)(O)O)=</chem>
889		894	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCS(=O)(=O)O)=</chem>
890	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCN)=</chem>	895	
891	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCC[N+]=[N-])=</chem>	896	
892	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCC#C)=</chem>	897	

FIGURE 2U

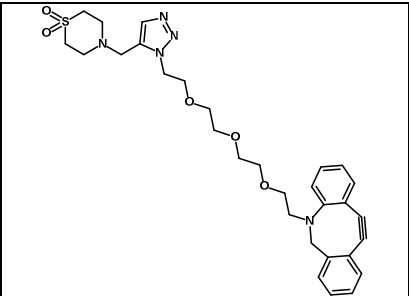
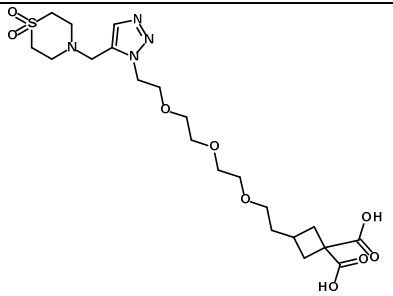
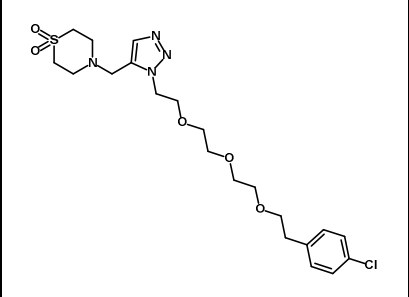
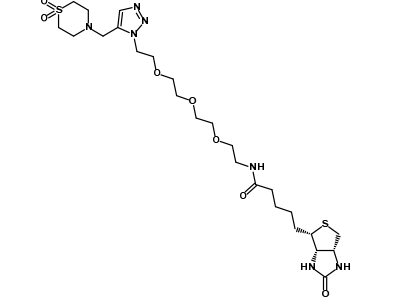
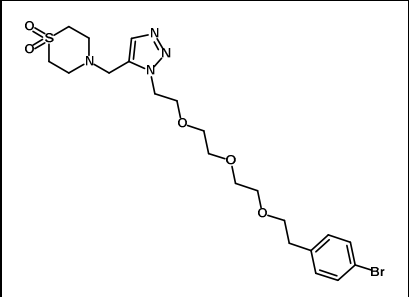
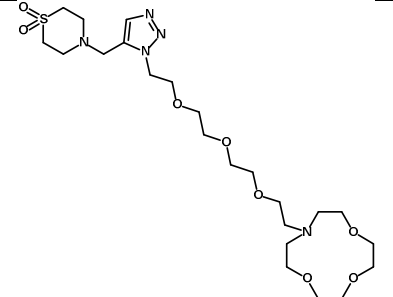
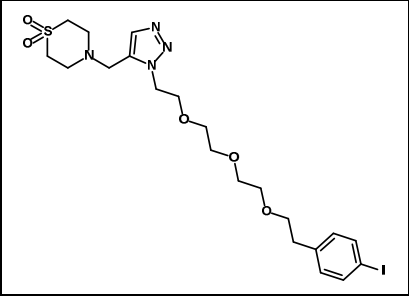
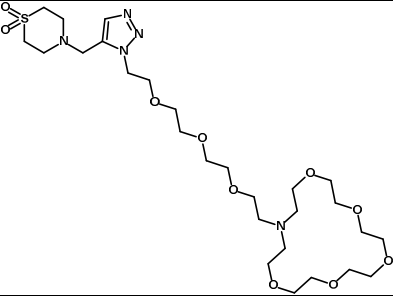
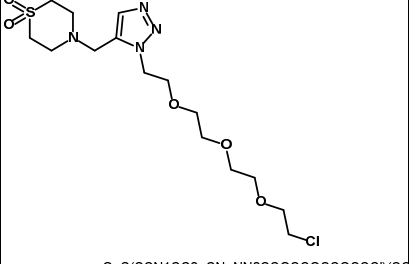
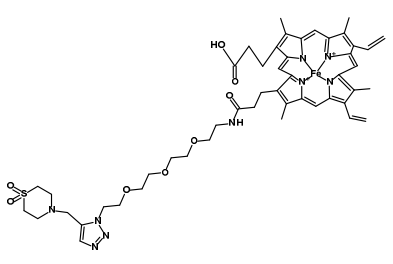
898		903	
899		904	
900		905	
901		906	
902	 <chem>O=S(CCNC1=CC=CC=C1)CC1=CC=CC=C1</chem>	907	

FIGURE 2V

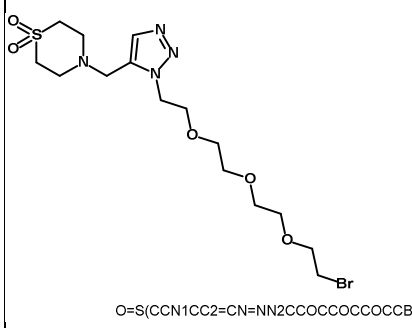
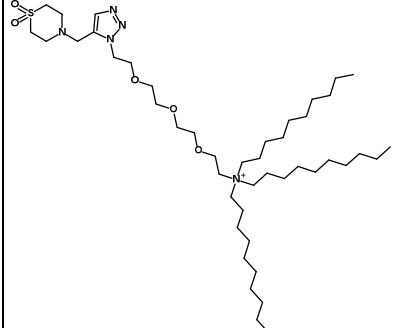
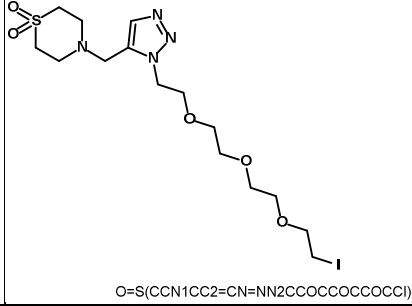
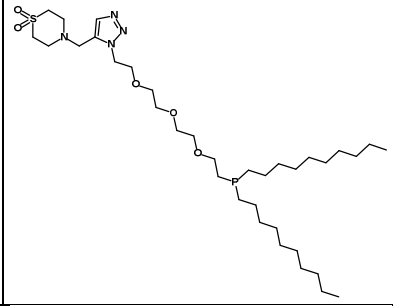
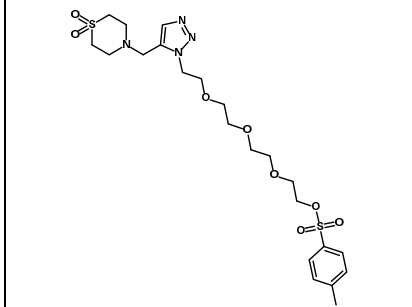
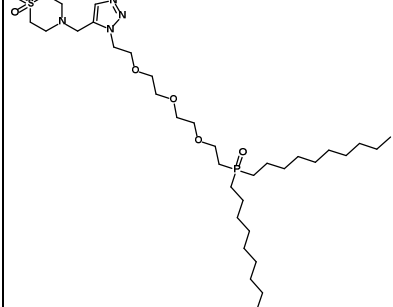
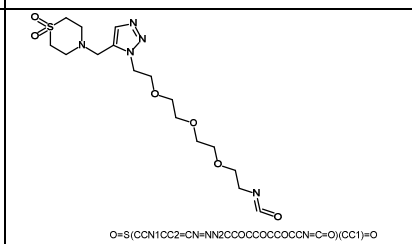
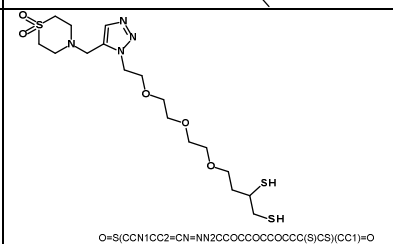
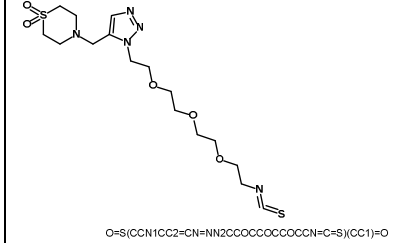
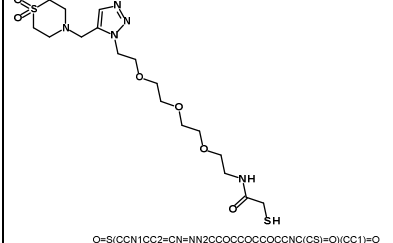
908	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCBr)</chem>	913	
909	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOI)</chem>	914	
910		915	
911	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCN=C=O)(CC1)=O</chem>	916	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(S)S)(CS)(CC1)=O</chem>
912	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCN=C=S)(CC1)=O</chem>	917	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCNC(S)S)(CS)(CC1)=O</chem>

FIGURE 2W

918 <chem>CN(C)CCOCCOCCOCc1nn[nH]1CN2CCCC(S(=O)(=O))C2</chem> <chem>O=S(CCNC1CC2=C(N=NN2COCCOCCOCCN(C)=C)CC1)=O</chem>	925 <chem>NCCOCCOCCOCCOCc1nn[nH]1CN2CCCC(S(=O)(=O))C2</chem> <chem>O=S(CCNC1CC2=C(N=NN2COCCOCCOCCNC(=O)[C@H](S)C(=O)O)CC1)=O</chem>
919 <chem>C1CC2(O1)CCOCCOCCOCc1nn[nH]1CN2CCCC(S(=O)(=O))C2</chem> <chem>O=S(CCNC1CC2=C(N=NN2COCCOCCOCCC3OC3)CC1)=O</chem>	

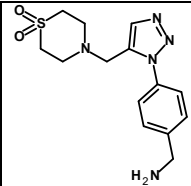
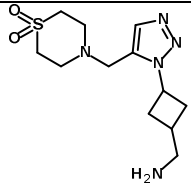
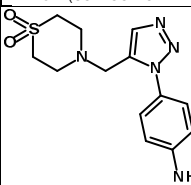
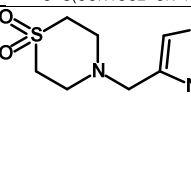
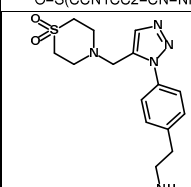
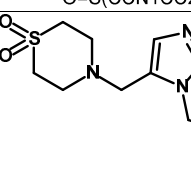
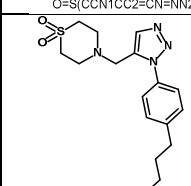
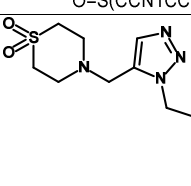
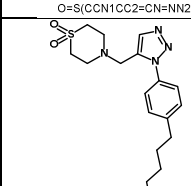
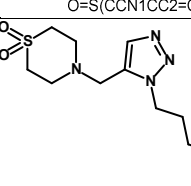
920	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(C=C3)CN)(CC1)=O</chem>	926	 <chem>O=S(CCN1CC2=CN=NN2C3CC(C3)CN)(CC1)=O</chem>
921	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(N)N)(CC1)=O</chem>	927	 <chem>O=S(CCN1CC2=CN=NN2CCN)(CC1)=O</chem>
922	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)CC(C3)CCN)(CC1)=O</chem>	928	 <chem>O=S(CCN1CC2=CN=NN2CCCCN)(CC1)=O</chem>
923	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)CC(C3)CCCN)(CC1)=O</chem>	929	 <chem>O=S(CCN1CC2=CN=NN2CCCCCN)(CC1)=O</chem>
924	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)CC(C3)CCCCN)(CC1)=O</chem>	930	 <chem>O=S(CCN1CC2=CN=NN2CCCCCN)(CC1)=O</chem>

FIGURE 2X

931	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)=CC=C3CCOCCN)(CC1)=O</chem>	937	 <chem>O=S(CCN1CC2=CN=NN2CCOCCN)(CC1)=O</chem>
932	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)=CC=C3CCOCCN)(CC1)=O</chem>	938	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCN)(CC1)=O</chem>
933	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)=CC=C3CCOCCOCCN)(CC1)=O</chem>	939	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCN)(CC1)=O</chem>
934	 <chem>O=S(CCN1CC2=CN=NN2C(C=C3)=CC=C3CCOCCOCCOCCOCCN)(CC1)=O</chem>	940	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCOCCOCCN)(CC1)=O</chem>
935	 <chem>O=S(CCN1CC2=CN=NN2CC3=CC=C(C(C=C3)C)C)C</chem>	941	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCOCCOCCOCCN)(CC1)=O</chem>
936	 <chem>O=S(CCN1CC2=CN=NN2C(C)C3=CC=C(C(C=C3)C)C)C</chem>	942	 <chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCOCCOCCOCCOCCOCCOCCN)(CC1)=O</chem>

FIGURE 2Y

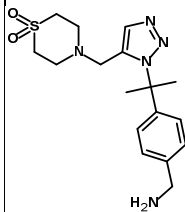
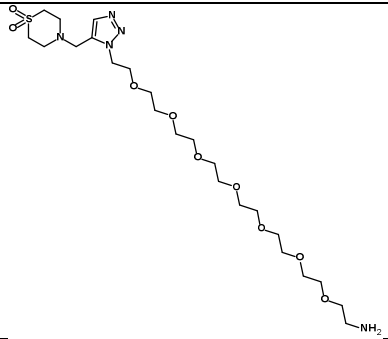
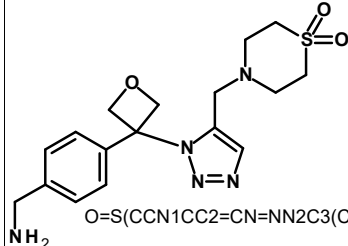
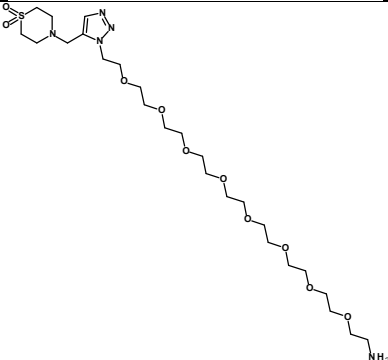
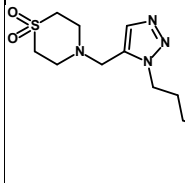
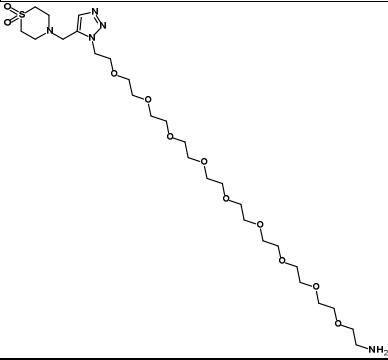
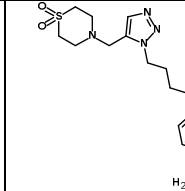
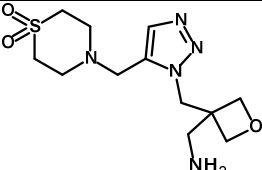
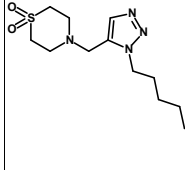
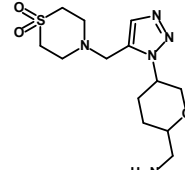
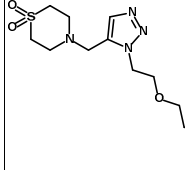
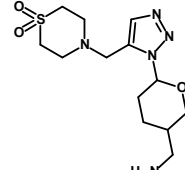
943	 <chem>O=S(CCN1CC2=CN=NN2C(C)(C)C3=CC=C(C(C=C3)CN)(CC1)=O</chem>	949	 <chem>O=S(CCN1CC2=CN=NN2C(C)(C)C3=CC=C(C(C=C3)CN)(CC1)=O</chem>
944	 <chem>O=S(CCN1CC2=CN=NN2C3(COC3)C</chem>	950	 <chem>O=S(CCN1CC2=CN=NN2C3(COC3)C</chem>
945	 <chem>O=S(CCN1CC2=CN=NN2CCCC3=CC=C(C(C=C3)CN)(CC1)=O</chem>	951	 <chem>O=S(CCN1CC2=CN=NN2CCCC3=CC=C(C(C=C3)CN)(CC1)=O</chem>
946	 <chem>O=S(CCN1CC2=CN=NN2CCCCC3=CC=C(C(C=C3)CN)(CC1)=O</chem>	952	 <chem>O=S(CCN1CC2=CN=NN2CC3(COC3)CN)(CC1)=O</chem>
947	 <chem>O=S(CCN1CC2=CN=NN2CCCCC3=CC=C(C(C=C3)CN)(CC1)=O</chem>	953	 <chem>O=S(CCN1CC2=CN=NN2C3COC(C3)CN)(CC1)=O</chem>
948	 <chem>O=S(CCN1CC2=CN=NN2CCOCC3=CC=C(C(C=C3)CN)(CC1)=O</chem>	954	 <chem>O=S(CCN1CC2=CN=NN2C3OCC(C3)CN)(CC1)=O</chem>

FIGURE 2Z

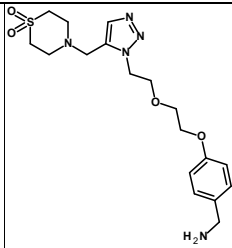
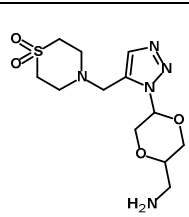
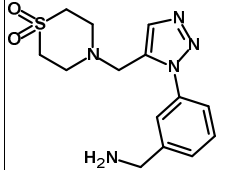
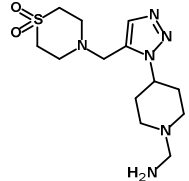
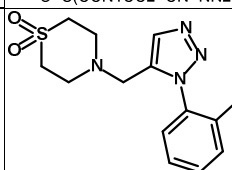
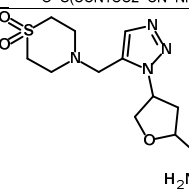
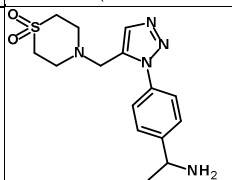
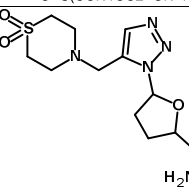
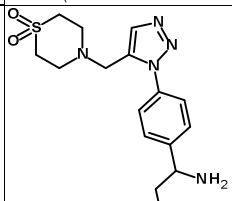
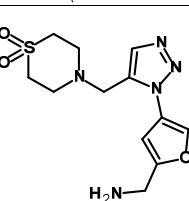
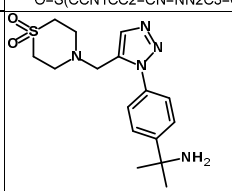
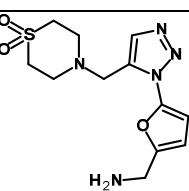
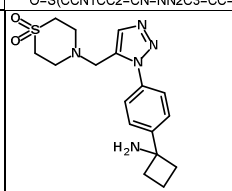
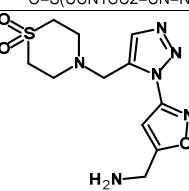
955	 <chem>O=S(CCN1CC2=CN=NN2COCOC3=CC=C(C=C3)CN)(CC1)=O</chem>	962	 <chem>O=S(CCN1CC2=CN=NN2C3OCC(OC3)CN)(CC1)=O</chem>
956	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=CC(CN)=C3)(CC1)=O</chem>	963	 <chem>O=S(CCN1CC2=CN=NN2C3CCN(CC3)CN)(CC1)=O</chem>
957	 <chem>O=S(CCN1CC2=CN=NN2C3=C(C=CC=C3)CN)(CC1)=O</chem>	964	 <chem>O=S(CCN1CC2=CN=NN2C3CC(OC3)CN)(CC1)=O</chem>
958	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(C(C)N)(CC1)=O</chem>	965	 <chem>O=S(CCN1CC2=CN=NN2C3OC(C3)CN)(CC1)=O</chem>
959	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(C(C)N)(CC1)=O</chem>	966	 <chem>O=S(CCN1CC2=CN=NN2C3=COC(CN)=C3)(CC1)=O</chem>
960	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(C(C)N)(CC1)=O</chem>	967	 <chem>O=S(CCN1CC2=CN=NN2C3(O3)=CC=C3CN)(CC1)=O</chem>
961	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(C(C)N)(CC1)=O</chem>	968	 <chem>O=S(CCN1CC2=CN=NN2C3=NOC(CN)=C3)(CC1)=O</chem>

FIGURE 2AA

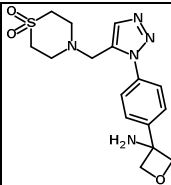
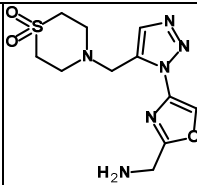
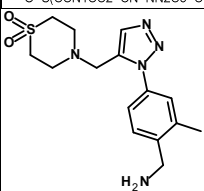
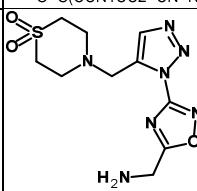
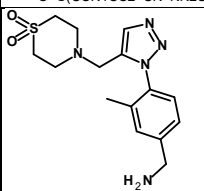
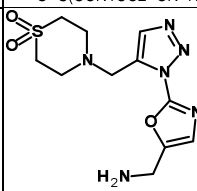
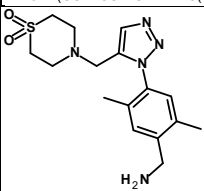
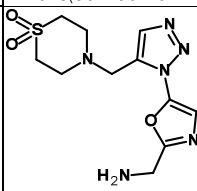
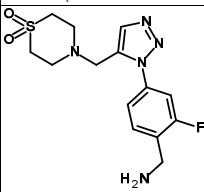
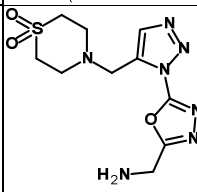
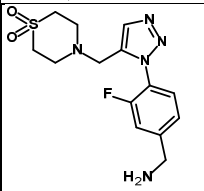
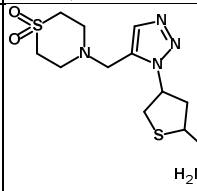
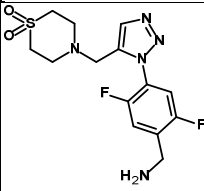
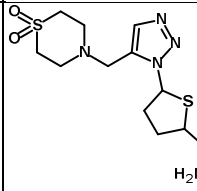
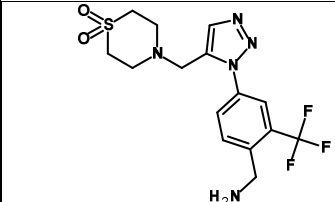
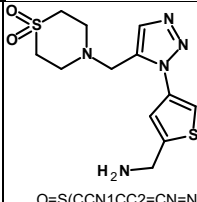
969	 <chem>O=S(CCN1CC2=CN=NN2C3=CC=C(C=C3)C4(COC4)N)(CC1)=O</chem>	977	 <chem>O=S(CCN1CC2=CN=NN2C3=COC(CN)=N3)(CC1)=O</chem>
970	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(C)=C(C=C3)CN)(CC1)=O</chem>	978	 <chem>O=S(CCN1CC2=CN=NN2C3=NOC(CN)=N3)(CC1)=O</chem>
971	 <chem>O=S(CCN1CC2=CN=NN2C3=C(C)=CC=C3CN)(CC1)=O</chem>	079	 <chem>O=S(CCN1CC2=CN=NN2C3=NC=C3CN)(CC1)=O</chem>
972	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(C)=C(C=C3)CN)(CC1)=O</chem>	980	 <chem>O=S(CCN1CC2=CN=NN2C3=NC=C3CN)(CC1)=O</chem>
973	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>	981	 <chem>O=S(CCN1CC2=CN=NN2C3=NC=C3CN)(CC1)=O</chem>
974	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>	982	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>
975	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>	983	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>
976	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>	984	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(F)=C(C=C3)CN)(CC1)=O</chem>

FIGURE 2BB

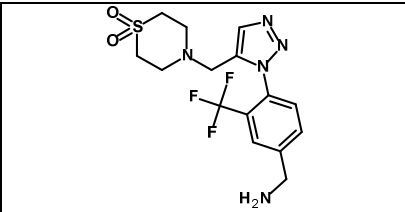
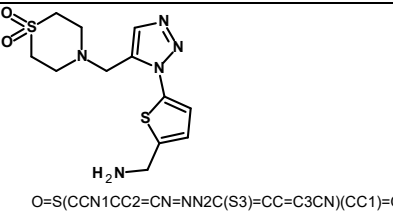
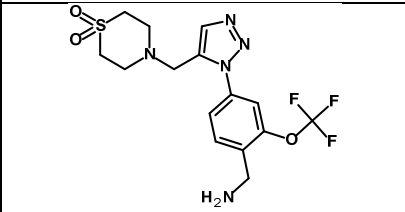
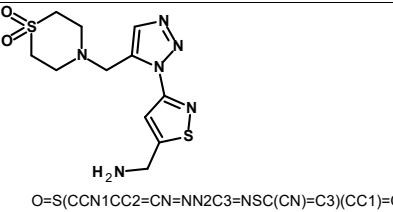
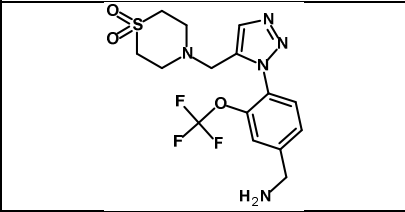
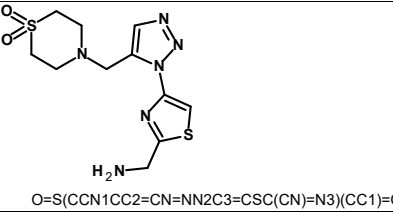
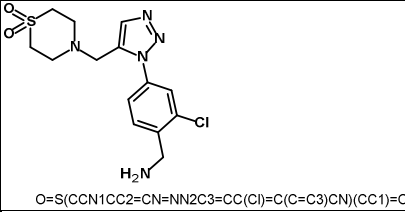
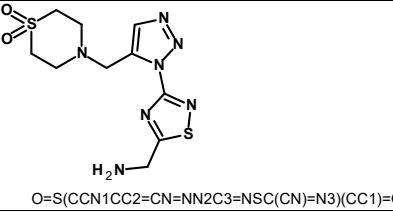
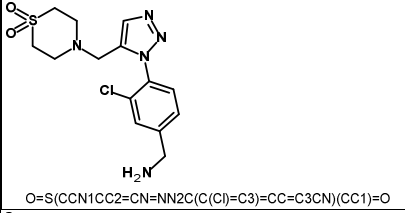
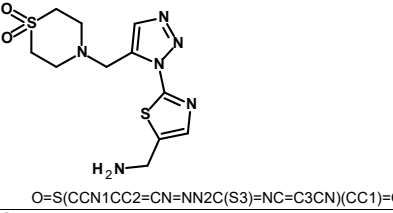
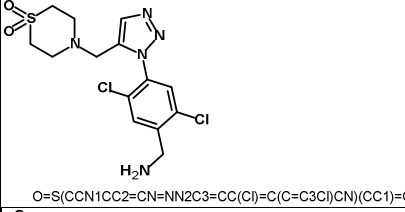
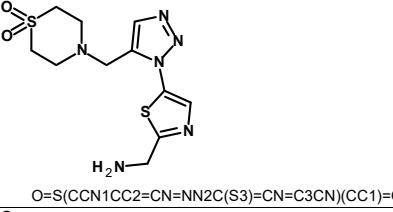
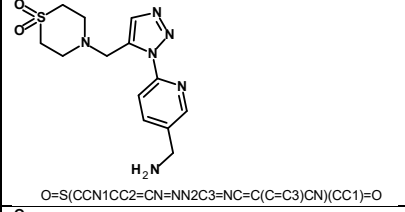
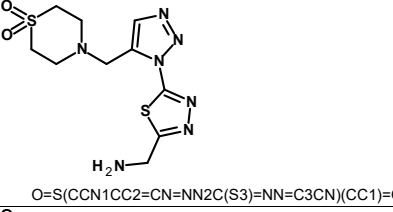
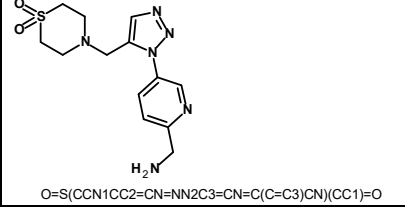
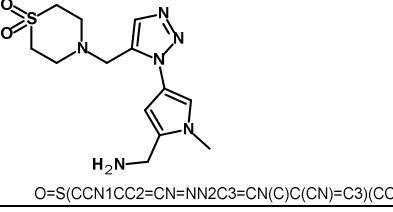
985		993	 <chem>O=S(CCN1CC2=CN=NN2C(S3)=CC=C3CN)(CC1)=N4C=CC=C4S</chem>
986		994	 <chem>O=S(CCN1CC2=CN=NN2C3=NSC(CN)=C3)(CC1)=N4C=CC=C4S</chem>
987		995	 <chem>O=S(CCN1CC2=CN=NN2C3=CSC(CN)=N3)(CC1)=N4C=CC=C4S</chem>
988	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(Cl)=C(C=C3)CN)(CC1)=O</chem>	996	 <chem>O=S(CCN1CC2=CN=NN2C3=NSC(CN)=N3)(CC1)=N4C=CC=C4S</chem>
989	 <chem>O=S(CCN1CC2=CN=NN2C(C(Cl)=C3)=CC=C3CN)(CC1)=O</chem>	997	 <chem>O=S(CCN1CC2=CN=NN2C(S3)=NC=C3CN)(CC1)=N4C=CC=C4S</chem>
990	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(Cl)=C(C=C3)CN)(CC1)=O</chem>	998	 <chem>O=S(CCN1CC2=CN=NN2C(S3)=CN=C3CN)(CC1)=N4C=CC=C4S</chem>
991	 <chem>O=S(CCN1CC2=CN=NN2C3=NC=C(C=C3)CN)(CC1)=O</chem>	999	 <chem>O=S(CCN1CC2=CN=NN2C(S3)=NN=C3CN)(CC1)=N4C=CC=C4S</chem>
992	 <chem>O=S(CCN1CC2=CN=NN2C3=CN=C(C=C3)CN)(CC1)=O</chem>	1000	 <chem>O=S(CCN1CC2=CN=NN2C3=CN(C)C(CN)=C3)(CC1)=N4C=CC=C4S</chem>

FIGURE 2CC

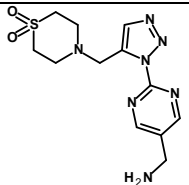
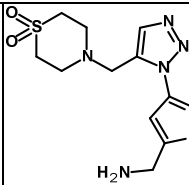
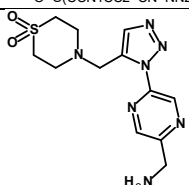
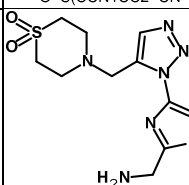
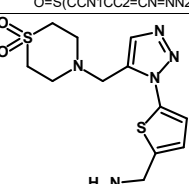
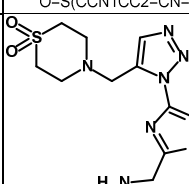
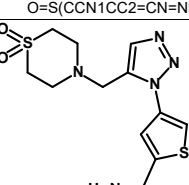
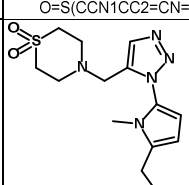
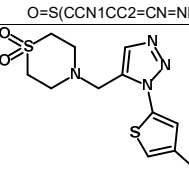
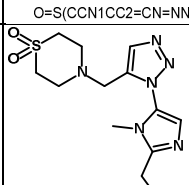
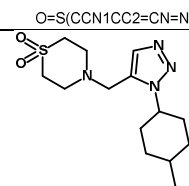
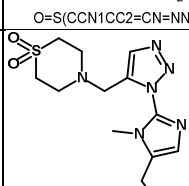
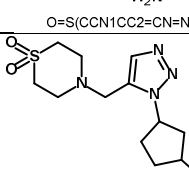
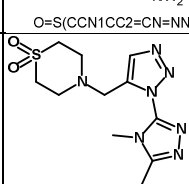
1001	 <chem>O=S(CCN1CC2=CN=NN2C3=NC=C(C=N3)CN)(CC1)=O</chem>	1008	 <chem>O=S(CCN1CC2=CN=NN2C3=NN(C)C(CN)=C3)(CC</chem>
1002	 <chem>O=S(CCN1CC2=CN=NN2C(N=C3)=CN=C3CN)(CC1)=O</chem>	1009	 <chem>O=S(CCN1CC2=CN=NN2C3=CN(C)C(CN)=N3)(CC</chem>
1003	 <chem>O=S(CCN1CC2=CN=NN2C(S3)=CC=C3CN)(CC1)=O</chem>	1010	 <chem>O=S(CCN1CC2=CN=NN2C3=NN(C)C(CN)=N3)(CC</chem>
1004	 <chem>O=S(CCN1CC2=CN=NN2C3=CSC(CN)=C3)(CC1)=O</chem>	1011	 <chem>O=S(CCN1CC2=CN=NN2C(N3C)=CC=C3CN)(CC1)=O</chem>
1005	 <chem>O=S(CCN1CC2=CN=NN2C3=CC(CN)=CS3)(CC1)=O</chem>	1012	 <chem>O=S(CCN1CC2=CN=NN2C(N3C)=CN=C3CN)(CC1)=O</chem>
1006	 <chem>O=S(CCN1CC2=CN=NN2C3CCC(CC3)CN)(CC1)=O</chem>	1013	 <chem>O=S(CCN1CC2=CN=NN2C(N3C)=NC=C3CN)(CC1)=O</chem>
1007	 <chem>O=S(CCN1CC2=CN=NN2C3CC(CC3)CN)(CC1)=O</chem>	1014	 <chem>O=S(CCN1CC2=CN=NN2C(N3C)=NN=C3CN)(CC1)=O</chem>

FIGURE 2DD

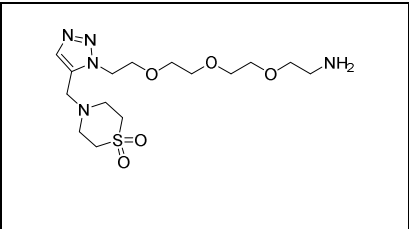
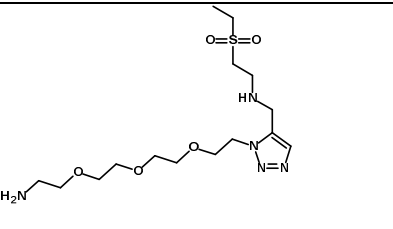
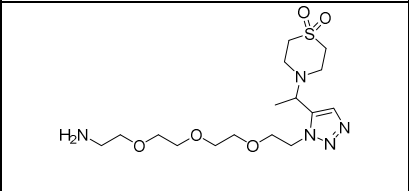
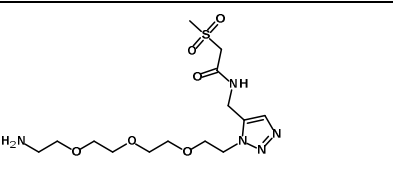
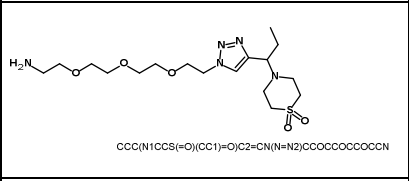
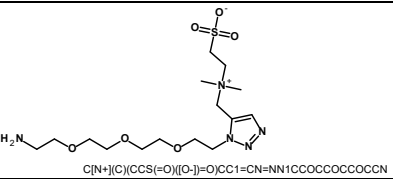
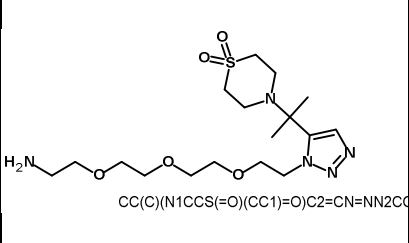
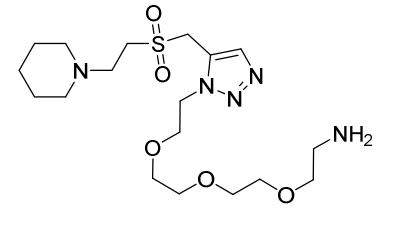
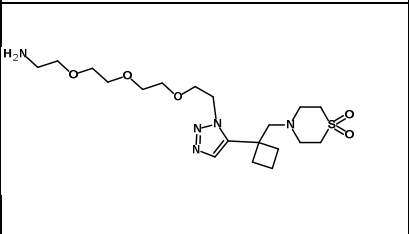
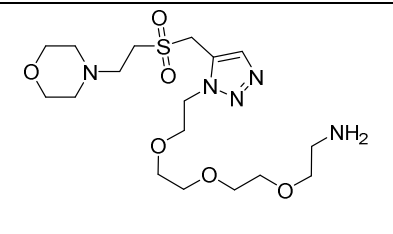
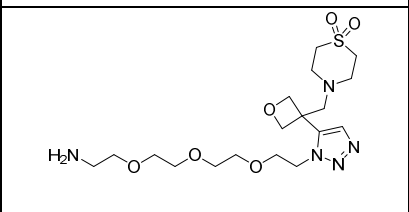
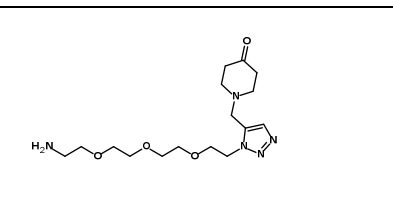
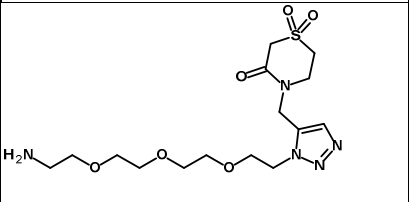
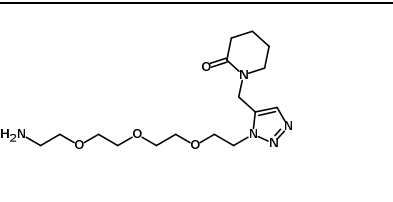
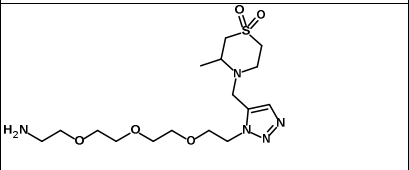
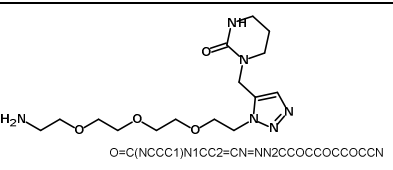
1015		1023	
1016		1024	
1017	 <chem>CCC(N1CCS(=O)(CC1)=O)C2=CN(N=N2)COCOCOCOCN</chem>	1025	 <chem>C[N+](C)(CCS(=O)(O)[O-])=O)CC1=CN=NN1COCOCOCOCN</chem>
1018	 <chem>CC(C)(N1CCS(=O)(CC1)=O)C2=CN=NN2COC</chem>	1026	
1019		1027	
1020		1028	
1021		1029	
1022		1030	 <chem>O=C(NCCC1)N1CC2=CN=NN2COCOCOCOCN</chem>

FIGURE 2EE

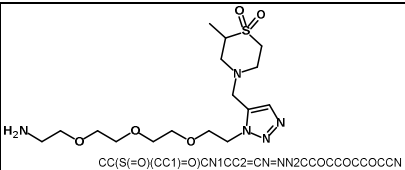
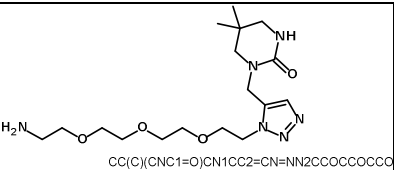
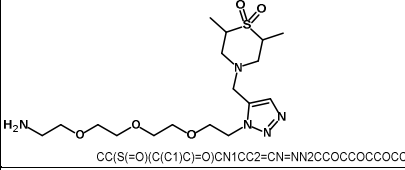
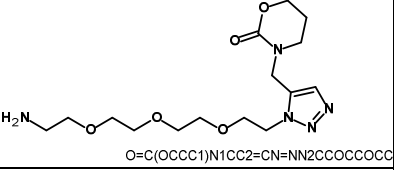
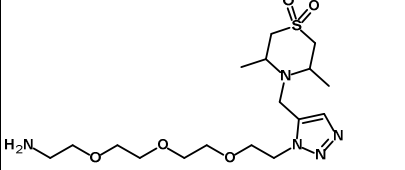
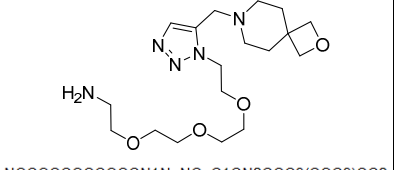
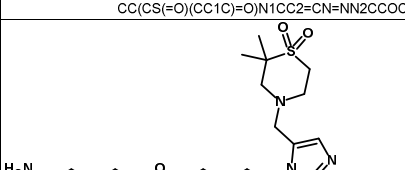
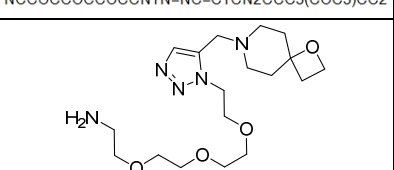
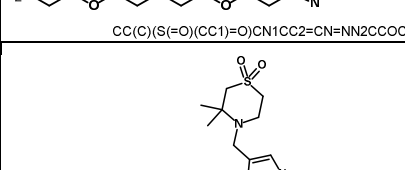
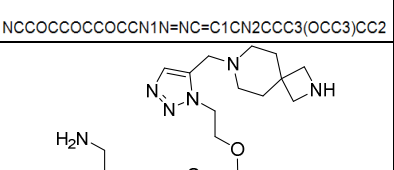
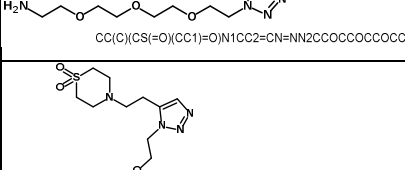
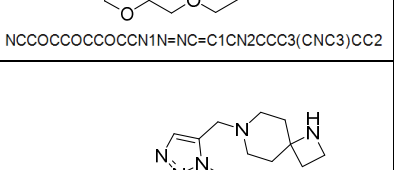
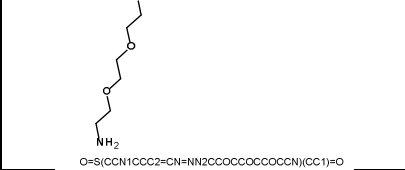
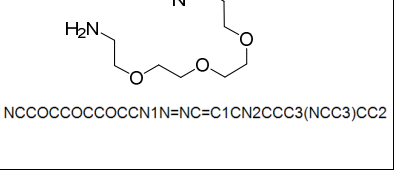
1031	 <chem>CC(S(=O)(CC1=O)CN1CC2=CN=NN2COCOCOCOCN</chem>	1038	 <chem>CC(C)(CNC1=O)CN1CC2=CN=NN2COCOCOCOC</chem>
1032	 <chem>CC(S(=O)(C(C1C)=O)CN1CC2=CN=NN2COCOCOCOC</chem>	1039	 <chem>O=C(OCCCN1)N1CC2=CN=NN2COCOCOC</chem>
1033	 <chem>CC(CS(=O)(CC1C)=O)N1CC2=CN=NN2COC</chem>	1040	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC3(COC3)CC2</chem>
1034	 <chem>CC(C)(S(=O)(CC1=O)CN1CC2=CN=NN2COC</chem>	1041	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC3(OCC3)CC2</chem>
1035	 <chem>CC(C)(CS(=O)(CC1=O)N1CC2=CN=NN2COCOCOC</chem>	1042	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC3(CNC3)CC2</chem>
1036	 <chem>O=S(CCN1CCC2=CN=NN2COCOCOCOCN)(CC1)=O</chem>	1043	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC3(NCC3)CC2</chem>
1037	 <chem>O=S(CCN1CCCC2=CN=NN2COCOCOCOCN)(CC1)=O</chem>	1044	 <chem>O=C(C1)NC1(CC2)CCN2CC3=CN=NN3COCOCOC</chem>

FIGURE 2FF

1045	 O=S(CCN1CCCCC2=CN=NN2CCOCOCOCOCOCN)(CC1)=O	1052	
1046		1053	
1047		1054	
1048	 O=S(CCN1CCCCOCOC2=CN=NN2CCOCOCOCOCOCN)(CC1)=O	1055	
1049		1056	
1050		1057	
1051		1058	

FIGURE 2GG

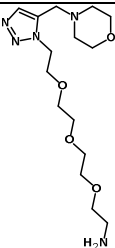
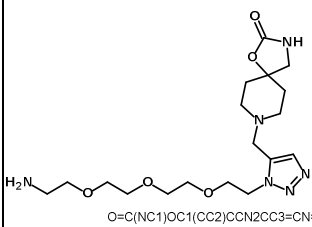
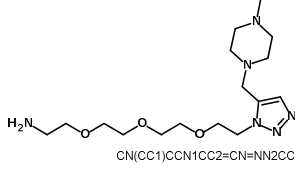
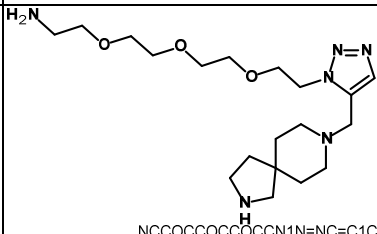
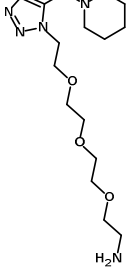
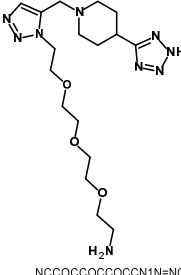
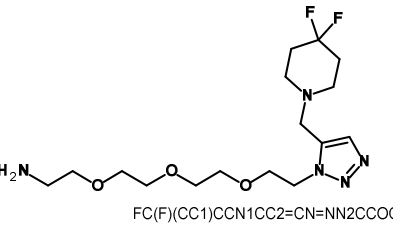
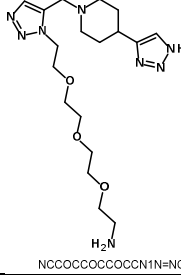
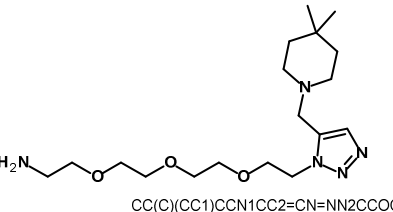
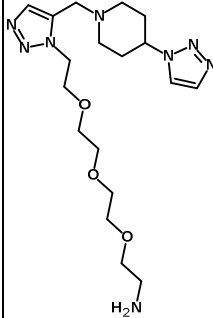
1059	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCOCC2</chem>	1064	 <chem>O=C(NC1)OC1(CC2)CCN2CC3=CN=NN3COCCO</chem>
1060	 <chem>CN(CC1)CCN1CC2=CN=NN2COCCOCCOCCN</chem>	1065	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2</chem>
1061	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCCC2</chem>	1066	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC(C3=NN=NN3)CC2</chem>
1062	 <chem>FC(F)(CC1)CCN1CC2=CN=NN2CCOC</chem>	1067	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC(C3=CN=NN3)CC2</chem>
1063	 <chem>CC(C)(CC1)CCN1CC2=CN=NN2CCOC</chem>	1068	 <chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC(N3N=NC=C3)</chem>

FIGURE 2HH

1069	<chem>OC(C)(CC1)CCN1CC2=CN=NN2CCOCCOCCOCCOCCN</chem>	1073	<chem>NCCOCCOCCOCCN1N=NC=C1CN2CCC(N3N=CC=N3)CC2</chem>
1070	<chem>O=S(CCN1CC2=CN=NN2CCOCCOCCOCCN)(CC1)=O</chem>	1074	<chem>C[Si](C)(CC1)CCN1CC2=CN=NN2CCOCCOCCN</chem>
1071	<chem>CN(CCS(=O)(C)=O)CC1=CN=NN1CCOCCOCCOCCOCCN</chem>	1075	<chem>NCCOCCOCCOCCOCCN1N=NC=C1CN2CCC(S(=O)(=O)N2)CC2</chem>
1072	<chem>NCCOCCOCCOCCOCCN1N=NC=C1CN2CCC(S(=O)(=O)N2)CC2</chem>	1076	<chem>NCCOCCOCCOCCOCCN1N=NC=C1CN2CCC(N2)CC2</chem>

FIGURE 3A

1077		1085	
1078		1086	
1079		1087	
1080		1088	
1081		1089	
1082		1090	
1083		1091	
1084		1092	

FIGURE 3B

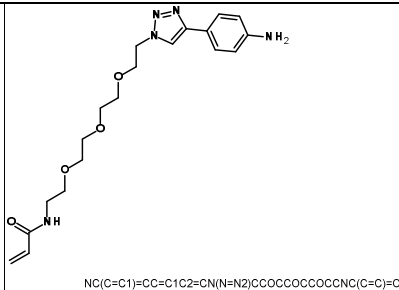
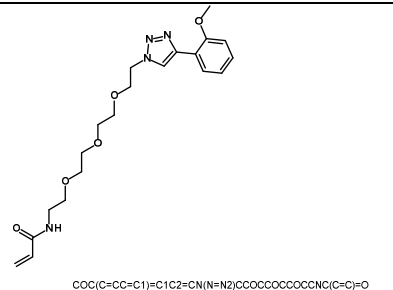
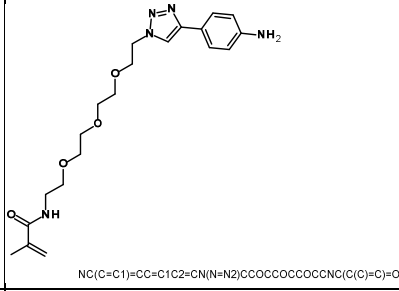
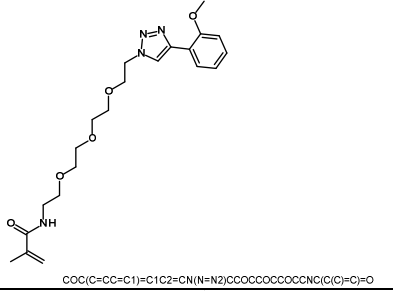
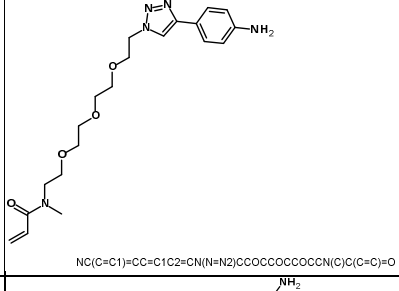
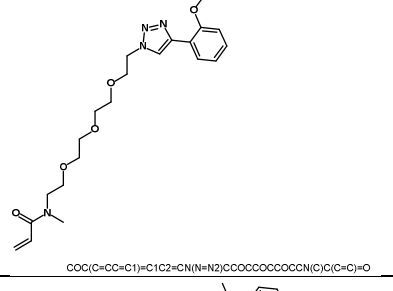
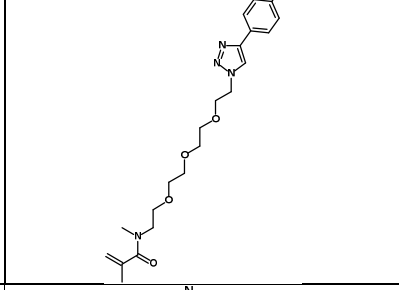
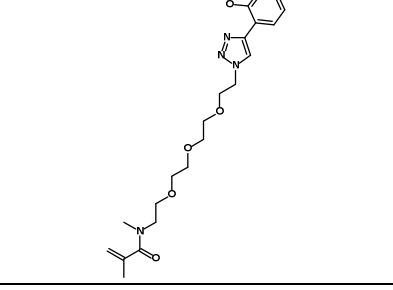
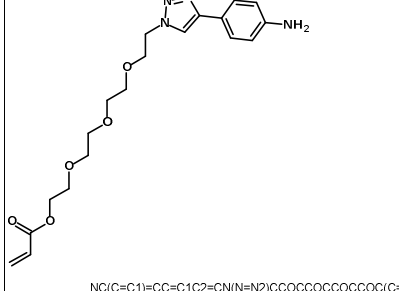
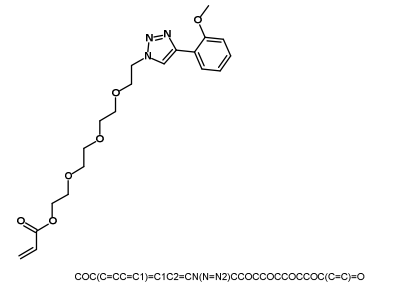
1093	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCNC(C=C)=O</chem>	1098	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCNC(C=C)=O</chem>
1094	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>	1099	 <chem>COC(C(C)=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>
1095	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>	1100	 <chem>COC(C(C)=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>
1096	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>	1101	 <chem>COC(C(C)=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>
1097	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>	1102	 <chem>COC(C(C)=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCNC(C(C)=O)=O</chem>

FIGURE 3C

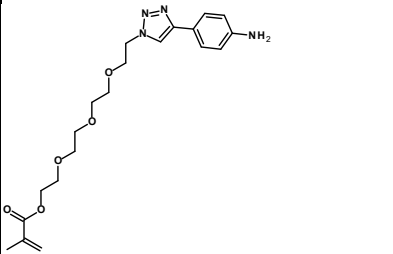
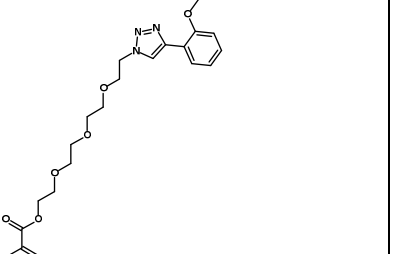
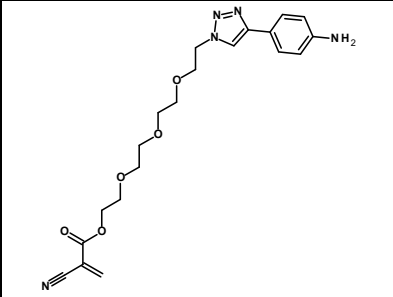
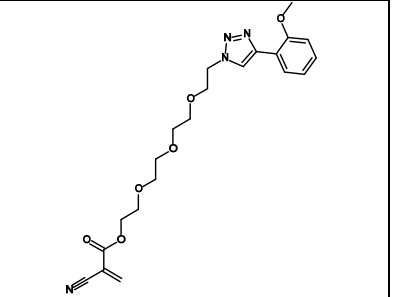
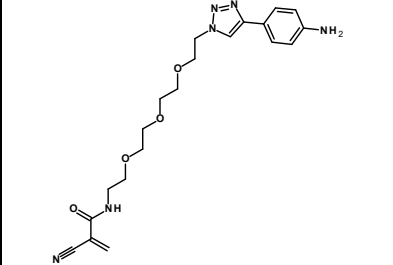
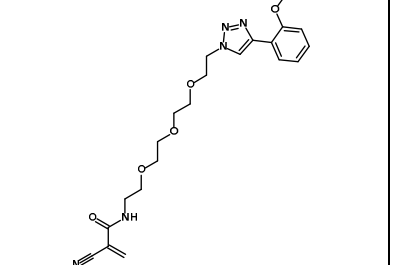
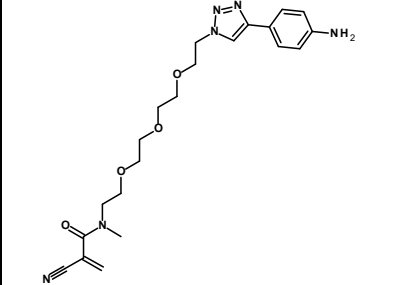
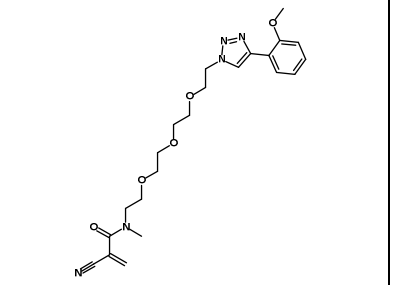
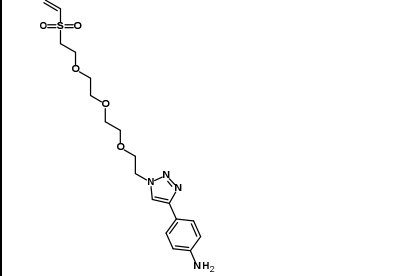
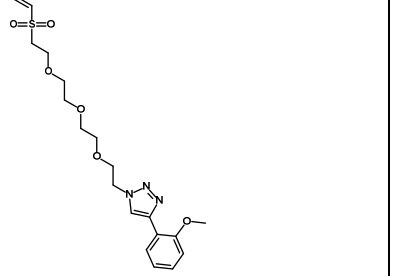
1103	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>	1108	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>
1104	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>	1109	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>
1105	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>	1110	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>
1106	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>	1111	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>
1107	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>	1112	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(C)(C)=O</chem>

FIGURE 3D

1113		1119	
1114		1120	
1115		1121	
1116		1122	
1117		1123	
1118		1124	

FIGURE 3E

1125	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](O)(O)C/O</chem>	1136	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](O)(O)C/O</chem>
1126	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1137	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1127	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1138	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1128	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1139	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1129	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1140	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1130	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1141	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1131	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1142	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1132	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1143	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1133	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1144	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1134	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1145	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>
1135	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>	1146	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC[Si](OC)(OC)C</chem>

FIGURE 3F

[illegible]

FIGURE 3G

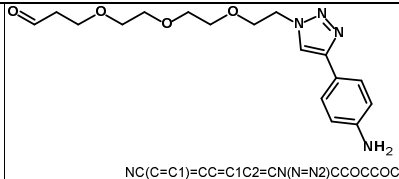
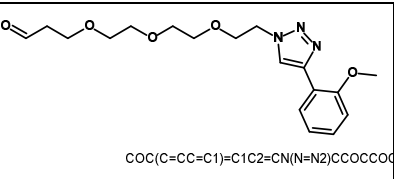
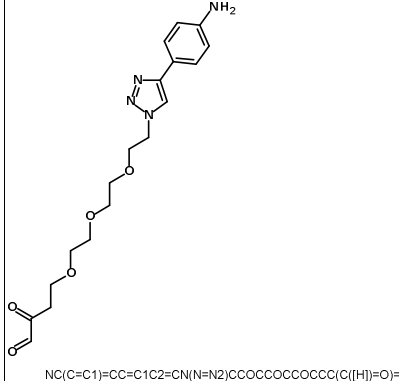
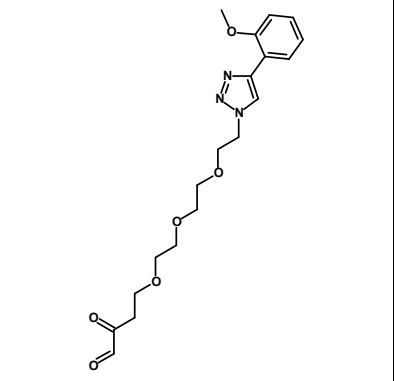
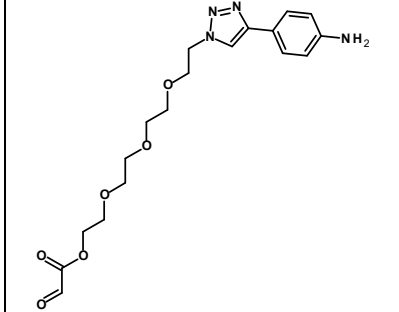
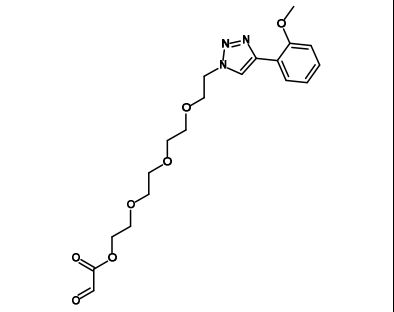
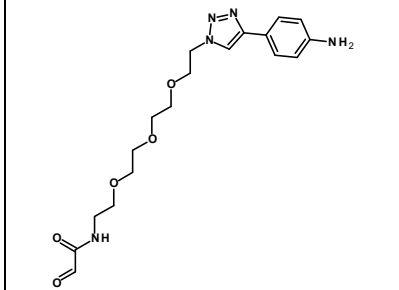
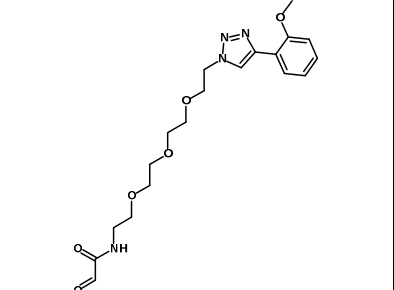
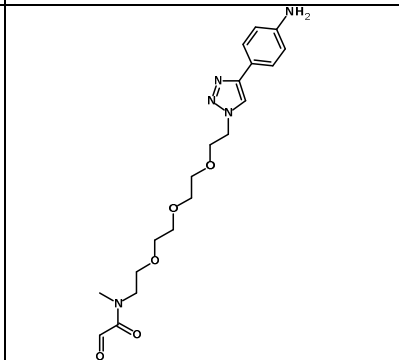
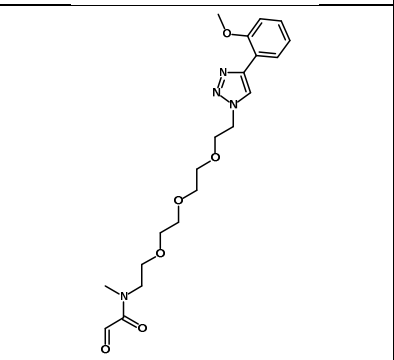
1165	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOC=O</chem>	1170	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOC=O</chem>
1166	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(=O)C=O</chem>	1171	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(=O)C=O</chem>
1167	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(=O)C=O</chem>	1172	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(=O)C=O</chem>
1168	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(=O)N</chem>	1173	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(=O)N</chem>
1169	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(=O)N</chem>	1174	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(=O)N</chem>

FIGURE 3H

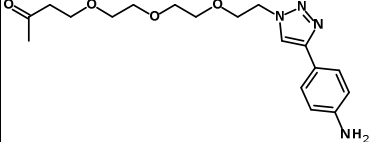
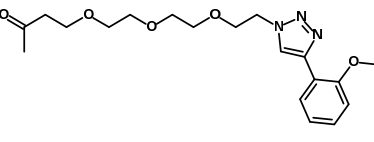
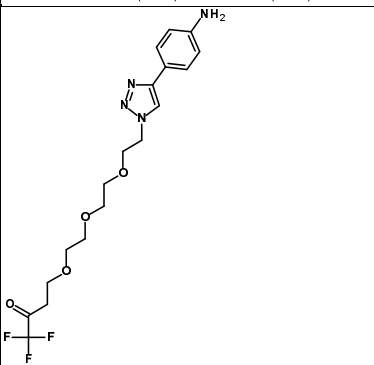
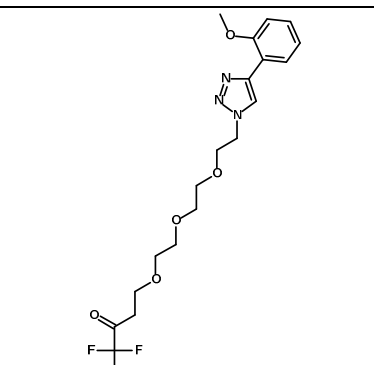
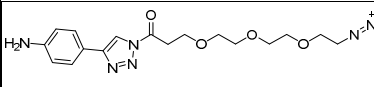
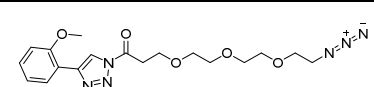
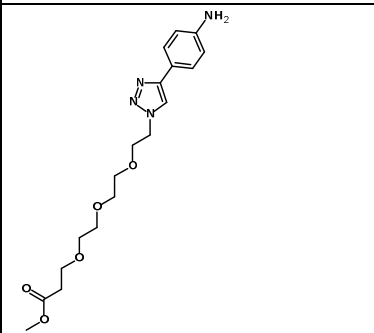
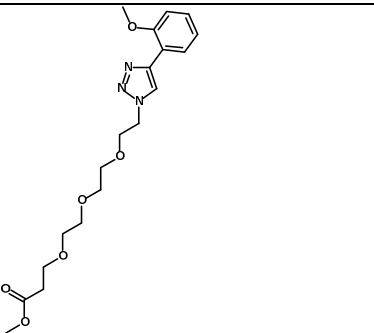
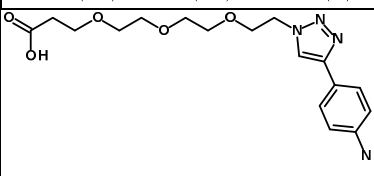
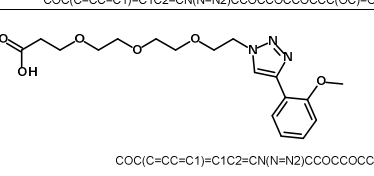
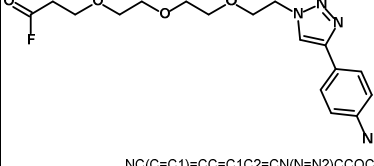
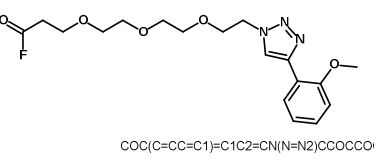
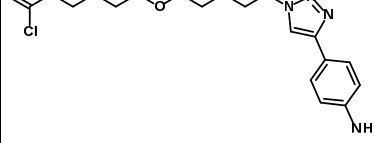
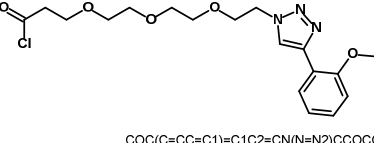
1175	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(=O)C(F)(F)F</chem>	1182	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(=O)C(F)(F)F</chem>
1176	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>	1183	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>
1177	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>	1184	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>
1178	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>	1185	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>
1179	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>	1186	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>
1180	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>	1187	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>
1181	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>	1188	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOCC(=O)C(F)(F)F</chem>

FIGURE 3I

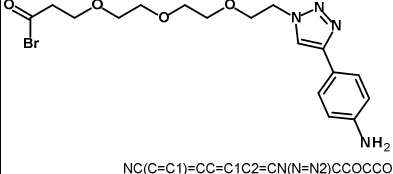
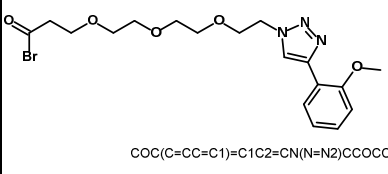
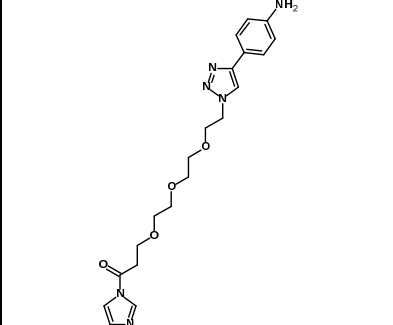
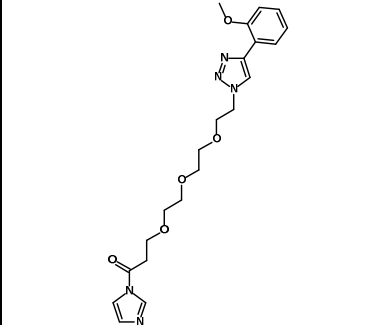
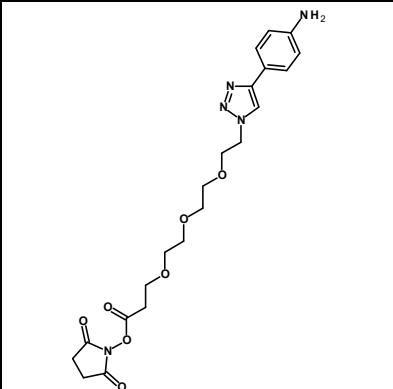
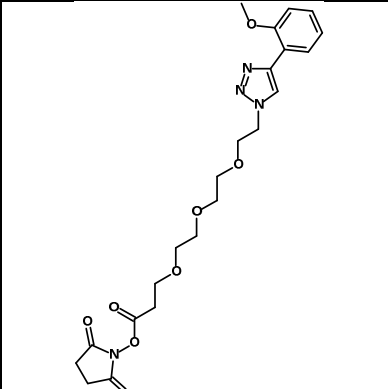
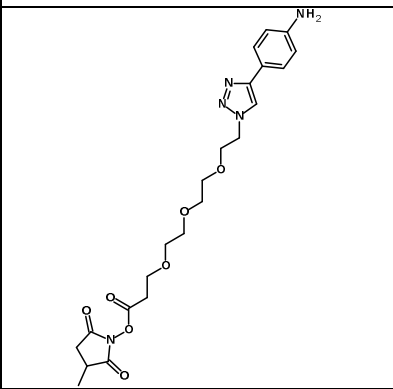
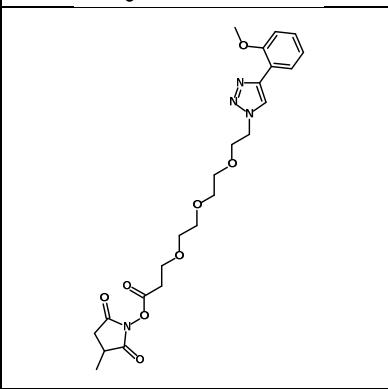
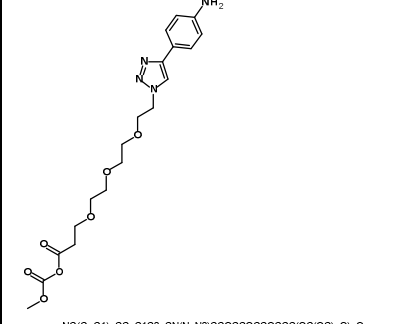
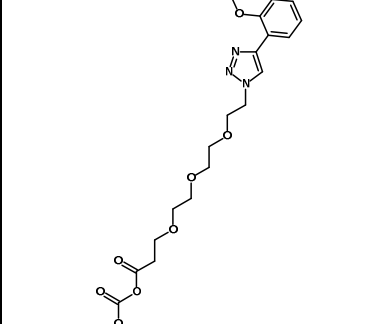
1189	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOC(=O)Br</chem>	1194	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOC(=O)Br</chem>
1190		1195	
1191		1196	
1192		1197	
1193	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOC(=O)OC(=O)C1=CC=CC=C1</chem>	1198	

FIGURE 3J

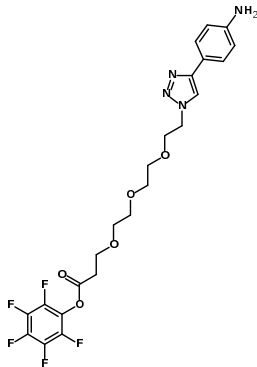
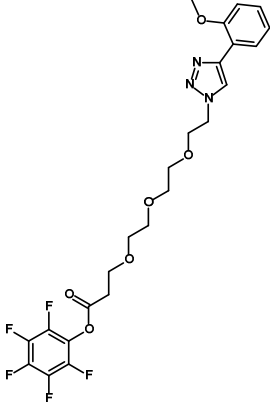
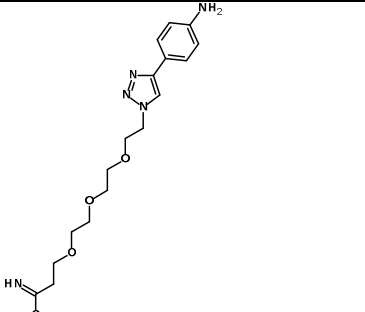
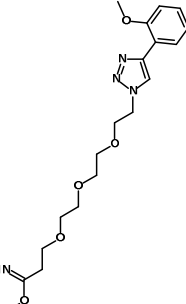
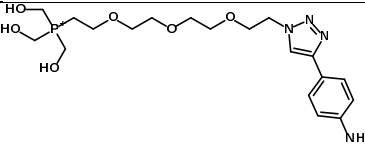
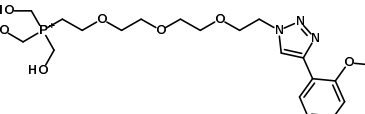
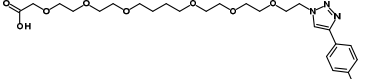
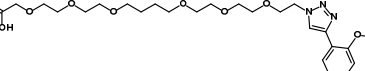
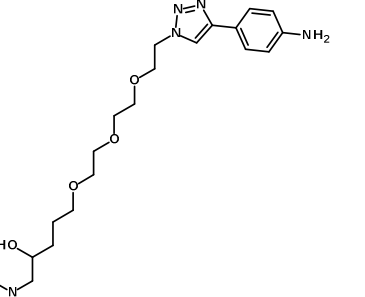
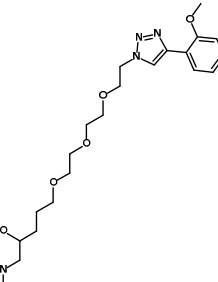
1199		1204	
1200	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC(OC)=N</chem>	1205	 <chem>COC(C=C=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(OC)=N</chem>
1201		1206	
1202		1207	
1203	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC</chem>	1208	 <chem>COC(C=C=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC(C(C)C)O</chem>

FIGURE 3K

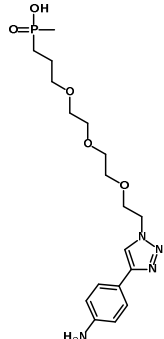
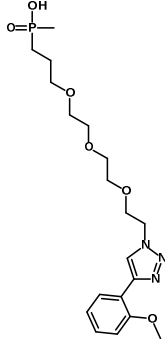
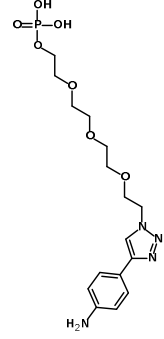
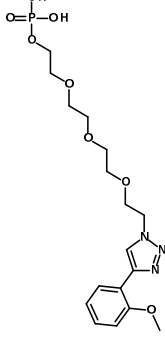
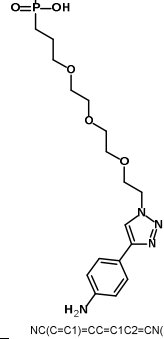
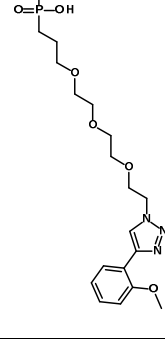
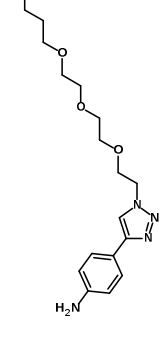
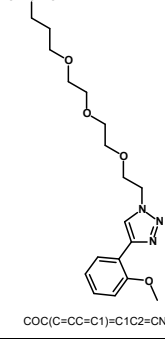
1209	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOP(O)(C)=O</chem>	1213	
1210	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOP(O)(O)=O</chem>	1214	
1211	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOP(O)(O)=O</chem>	1215	
1212	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOS(=O)(O)=O</chem>	1216	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCCOS(=O)(O)=O</chem>

FIGURE 3L

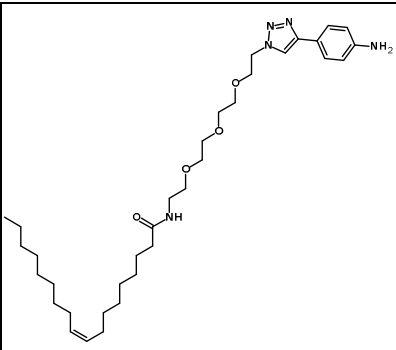
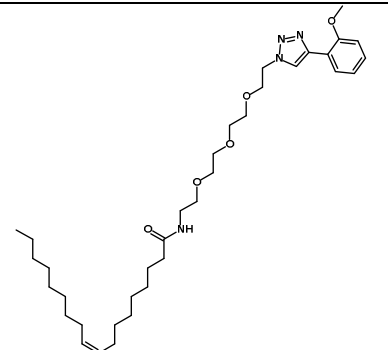
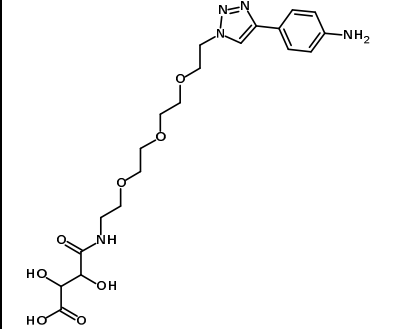
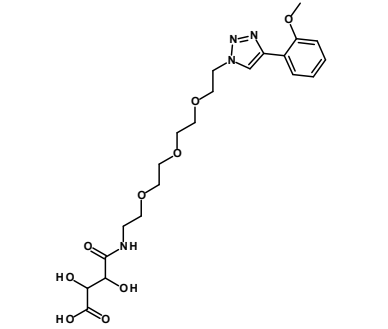
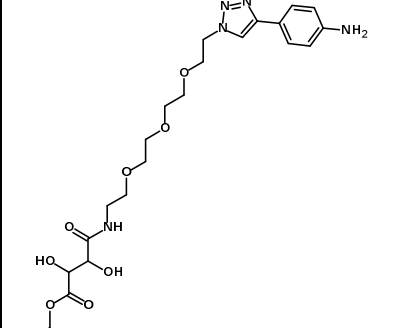
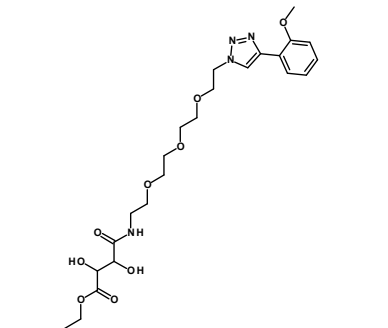
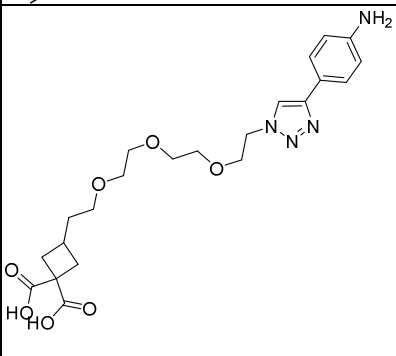
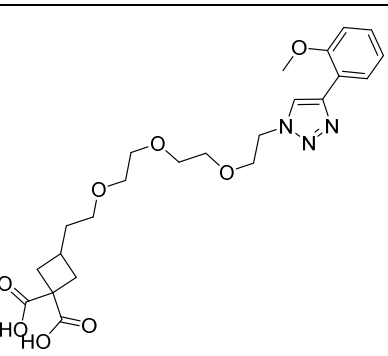
1217		1221	
1218		1222	
1219		1223	
1220		1224	

FIGURE 3M

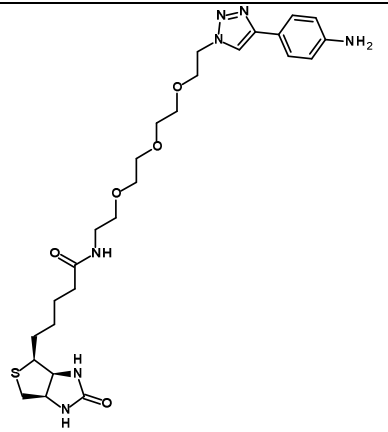
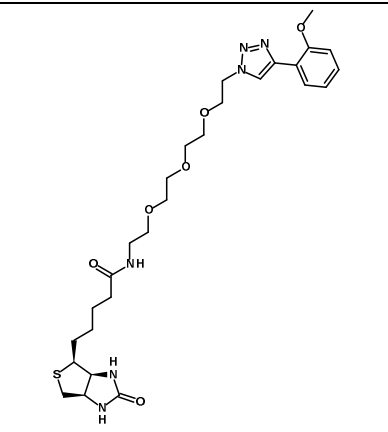
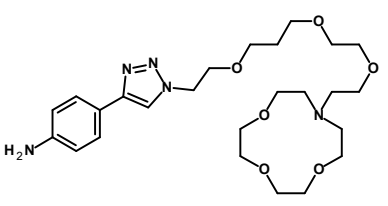
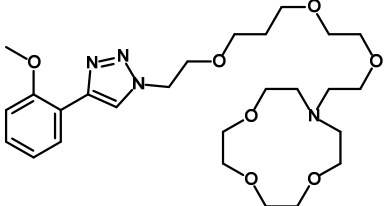
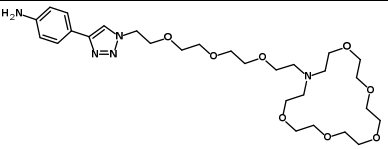
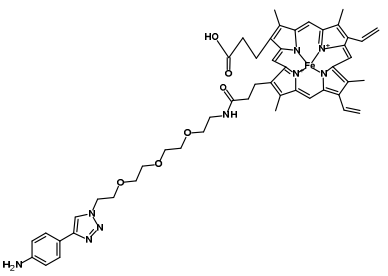
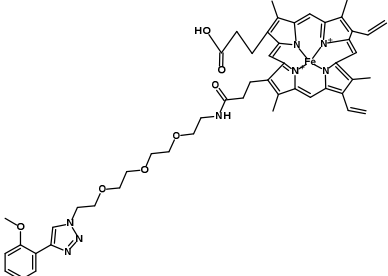
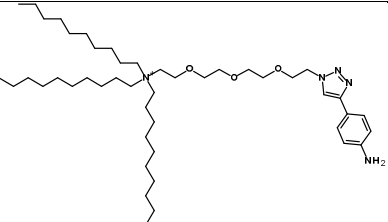
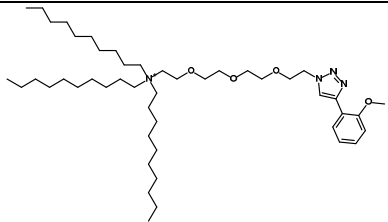
1225		1230	
1226		1231	
1227		1232	
1228		1233	
1229		1234	

FIGURE 3N

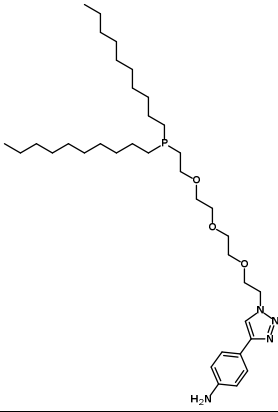
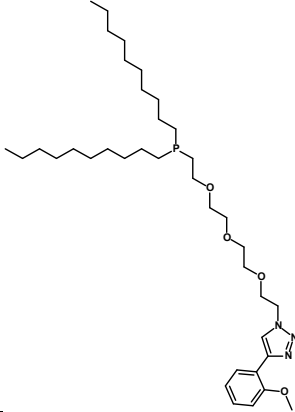
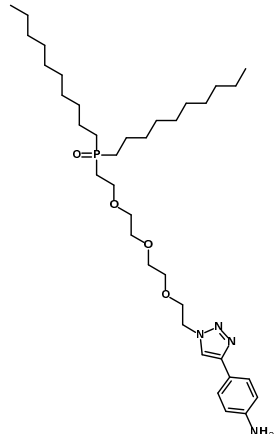
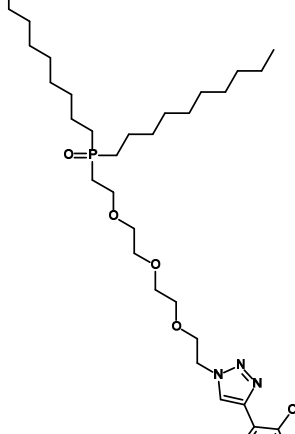
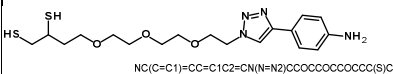
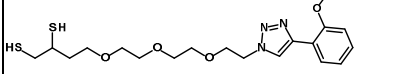
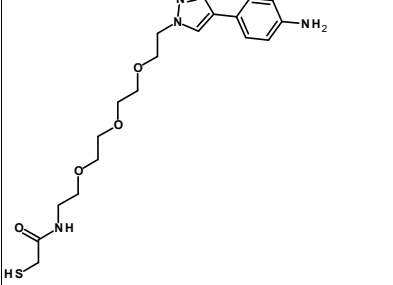
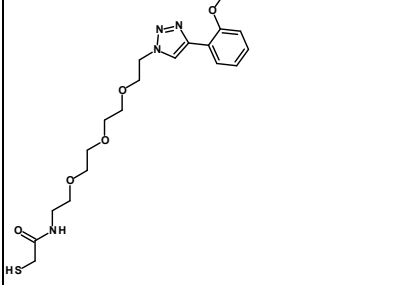
1235		1239	
1236		1240	
1237	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(S)CS</chem>	1241	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(S)CS</chem>
1238	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC(S)CS</chem>	1242	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC(S)CS</chem>

FIGURE 30

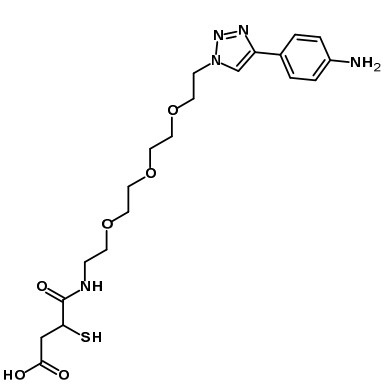
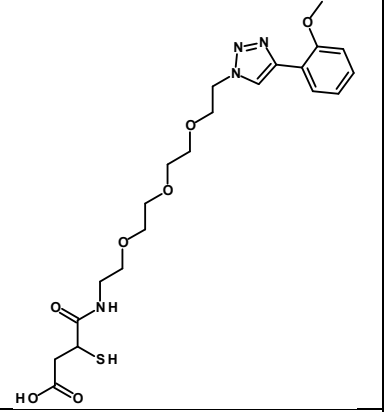
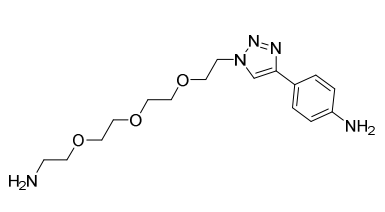
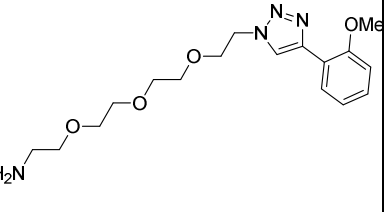
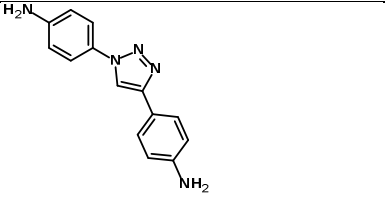
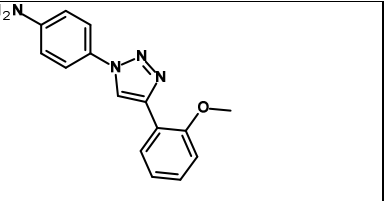
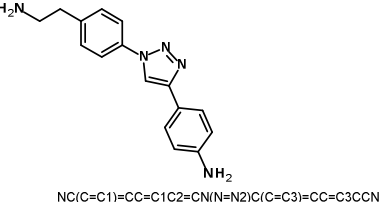
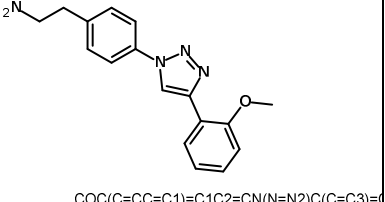
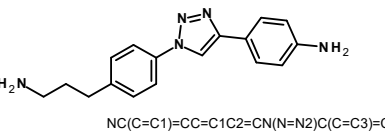
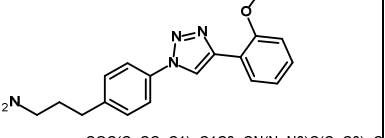
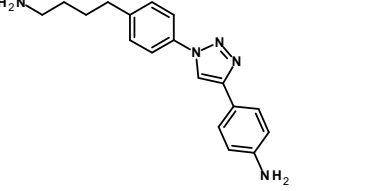
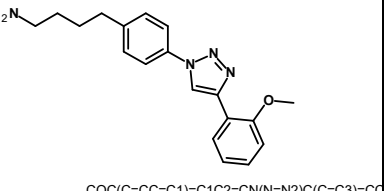
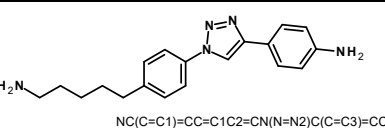
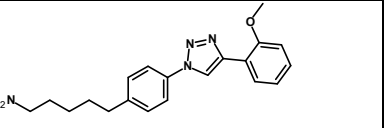
1243		1250	
1244		1251	
1245	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>	1252	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>
1246	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3CCN</chem>	1253	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C3CN</chem>
1247	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3NCCC</chem>	1254	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C3NCCC</chem>
1248	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3NCCCC</chem>	1255	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C3NCCCC</chem>
1249	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3NCCCCC</chem>	1256	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C3NCCCCC</chem>

FIGURE 3P

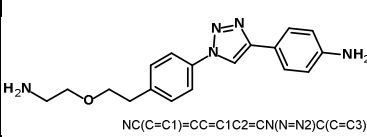
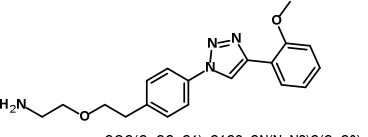
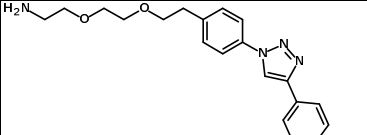
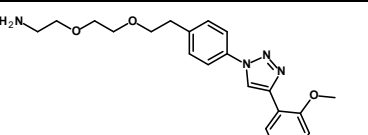
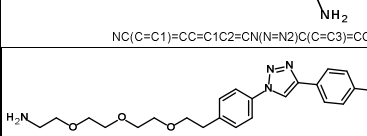
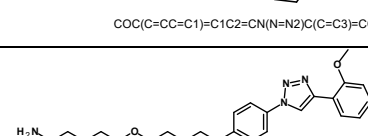
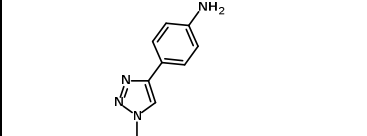
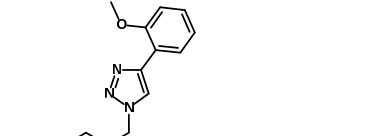
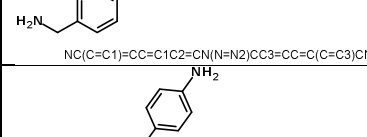
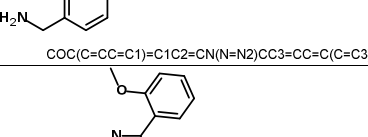
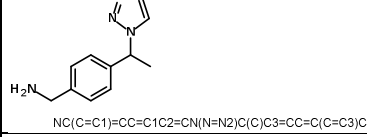
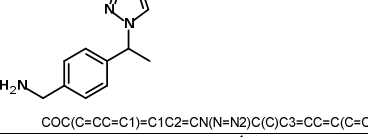
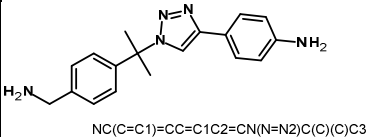
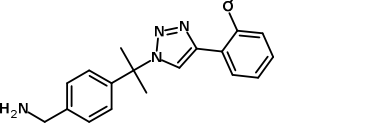
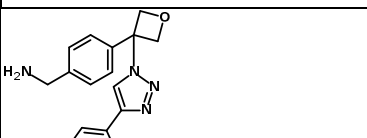
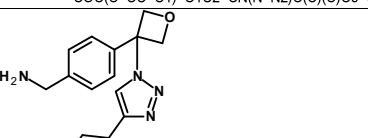
1257	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1265	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C3C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>
1258	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1266	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C3C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>
1259	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1267	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C3C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>
1260	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CC3=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1268	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CC3=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>
1261	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1269	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>
1262	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C=C3)=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1270	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C=C3)=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>
1263	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3(COC3)C(C=C4)=CC=C4C3=CC=C4</chem>	1271	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3(COC3)C(C=C4)=CC=C4C3=CC=C4</chem>
1264	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCC3=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>	1272	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCC3=CC=C(C(C=C3)CN)C2=CN(N=N2)C(C=C4)=CC=C4C3=CC=C4</chem>

FIGURE 3Q

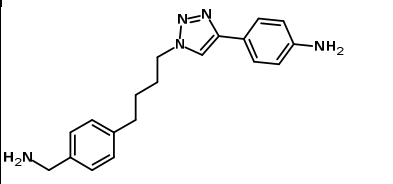
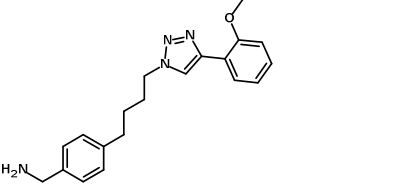
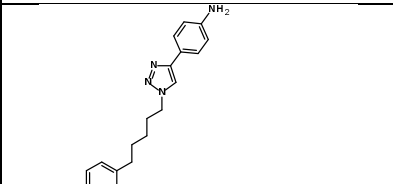
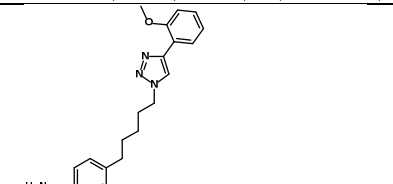
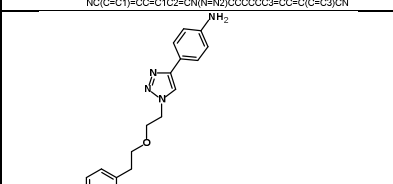
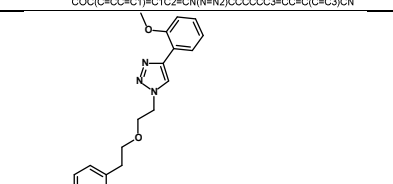
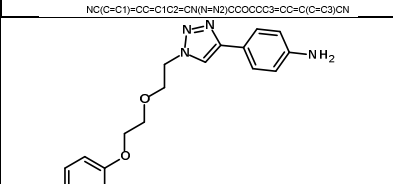
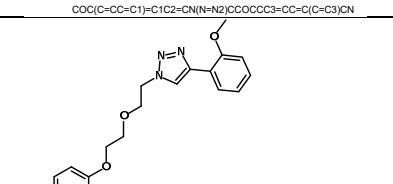
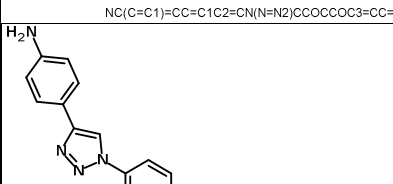
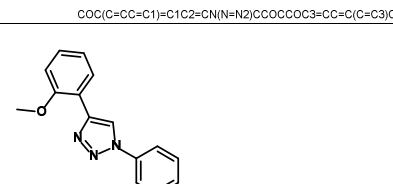
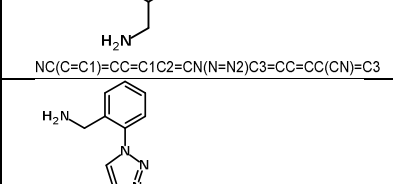
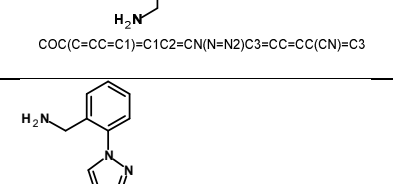
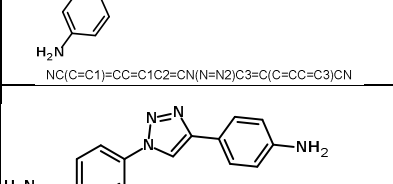
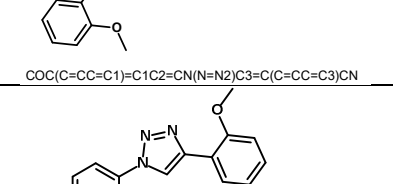
1273	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>	1280	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>
1274	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>	1281	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>
1275	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>	1282	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>
1276	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>	1283	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCC3=CC=C(C=C3)N</chem>
1277	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=CC(CN)=C3</chem>	1284	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=CC(CN)=C3</chem>
1278	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=CC(CN)=C3</chem>	1285	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=CC(CN)=C3</chem>
1279	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=CC(CN)=C3</chem>	1286	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=CC(CN)=C3</chem>

FIGURE 3R

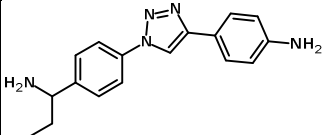
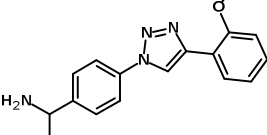
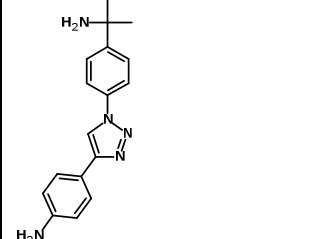
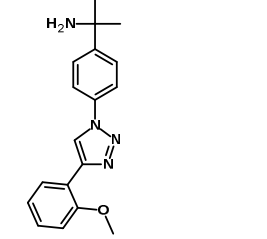
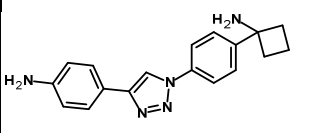
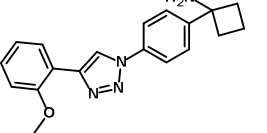
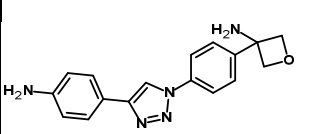
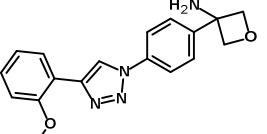
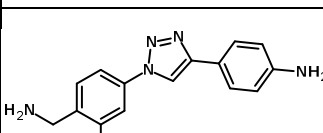
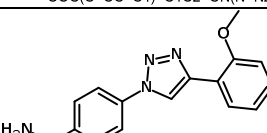
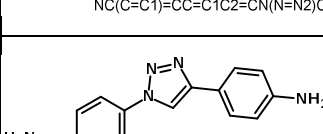
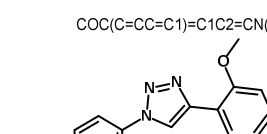
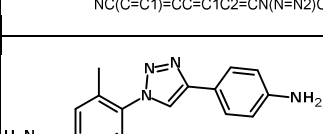
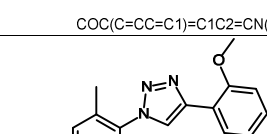
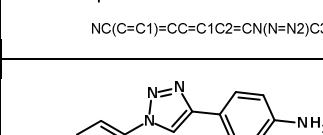
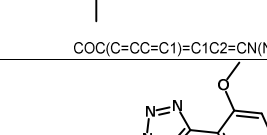
1287	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>	1295	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>
1288	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)C(C)(C)N</chem>	1296	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)C(C)(C)N</chem>
1289	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)C(C)(C)N</chem>	1297	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)C(C)(C)N</chem>
1290	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)C(C)(C)N</chem>	1298	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)C(C)(C)N</chem>
1291	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>	1299	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>
1292	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>	1300	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>
1293	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>	1301	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>
1294	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>	1302	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C(C=C3)N</chem>

FIGURE 3S

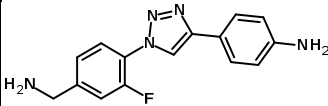
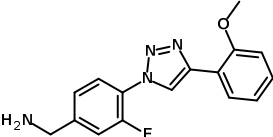
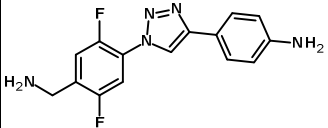
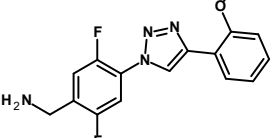
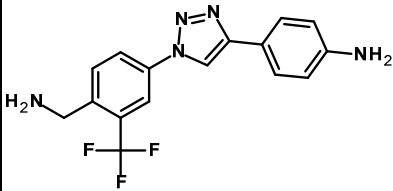
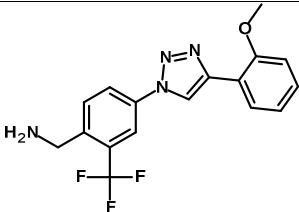
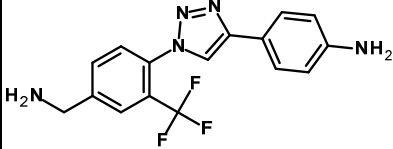
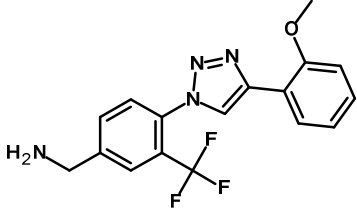
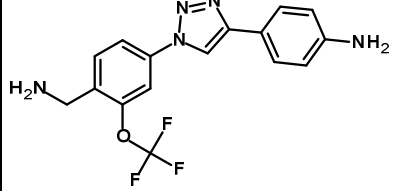
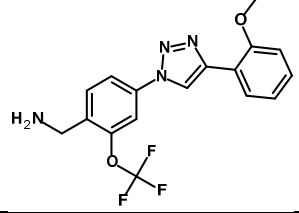
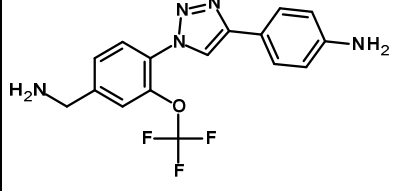
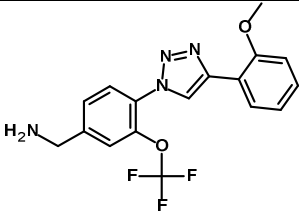
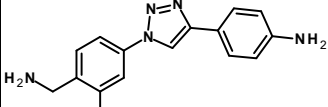
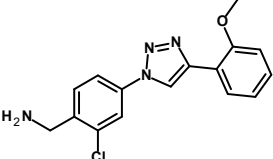
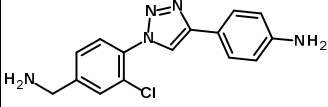
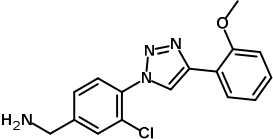
1303	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)=C3)=CC=C3</chem>	1311	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C(F)=C3)=CC=C3</chem>
1304	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC(F)=CC=C3</chem>	1312	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC(F)=CC=C3</chem>
1305	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>	1313	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>
1306	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>	1314	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>
1307	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>	1315	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>
1308	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>	1316	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(F)(F)F)=CC=C1</chem>
1309	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC(Cl)=CC=C3</chem>	1317	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC(Cl)=CC=C3</chem>
1310	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(C(Cl)=C3)=CC=C3</chem>	1318	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(C(Cl)=C3)=CC=C3</chem>

FIGURE 3T

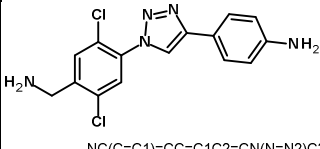
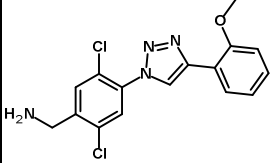
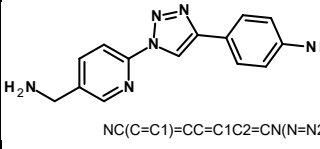
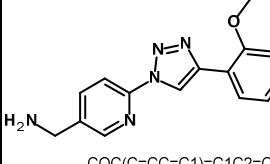
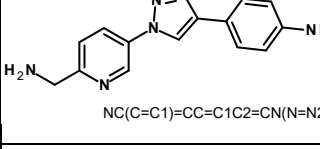
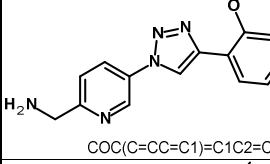
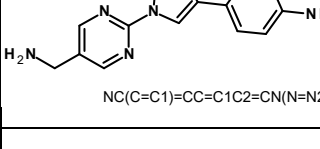
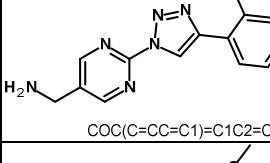
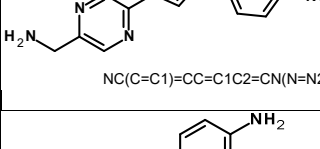
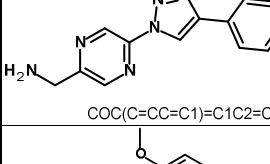
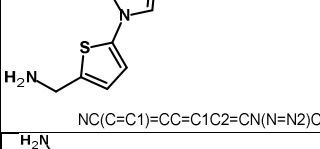
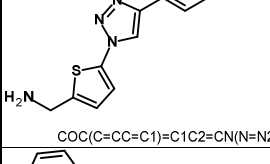
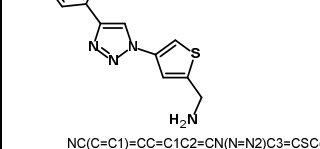
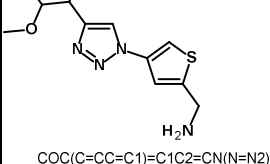
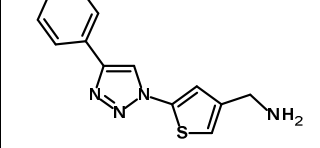
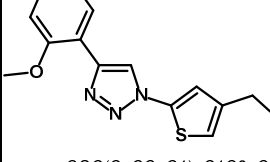
1319	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC(Cl)=C</chem>	1327	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC(Cl)=C</chem>
1320	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NC=C</chem>	1328	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NC=C</chem>
1321	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CN=C</chem>	1329	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CN=C</chem>
1322	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NC=C</chem>	1330	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NC=C</chem>
1323	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(N=C3)=</chem>	1331	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(N=C3)=</chem>
1324	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(S3)=CC=C</chem>	1332	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(S3)=CC=C3CN</chem>
1325	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CSC(CN)=C3</chem>	1333	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CSC(CN)=C3</chem>
1326	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C</chem>	1334	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CC=C</chem>

FIGURE 3U

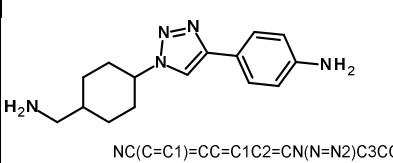
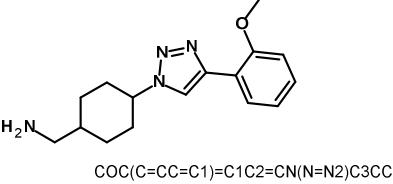
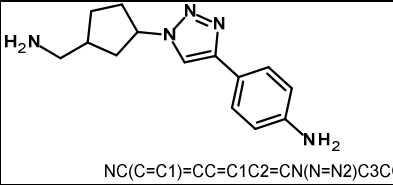
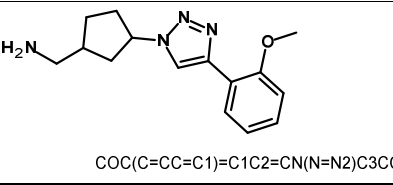
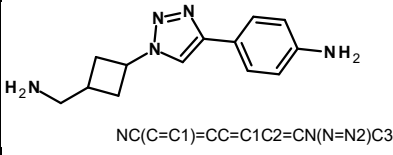
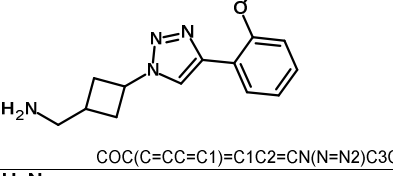
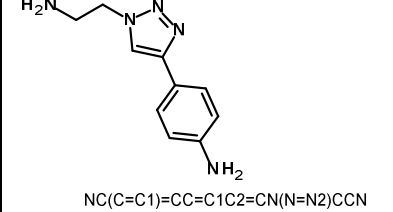
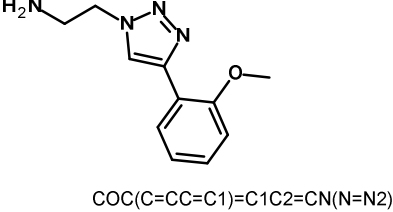
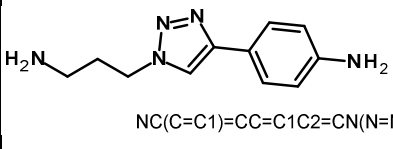
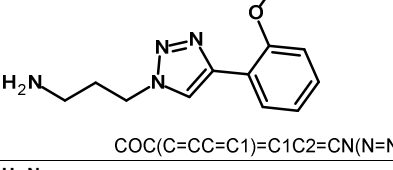
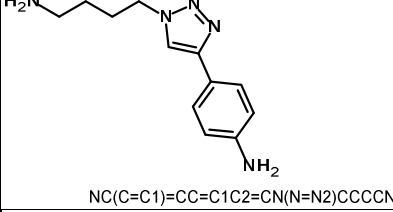
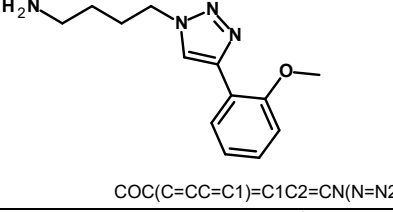
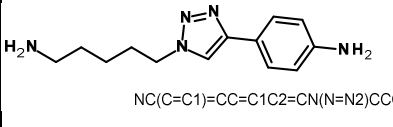
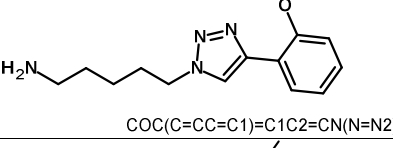
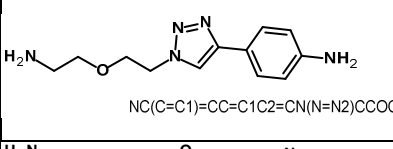
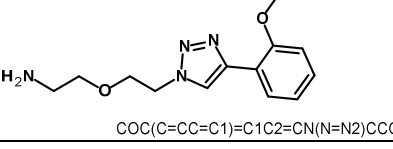
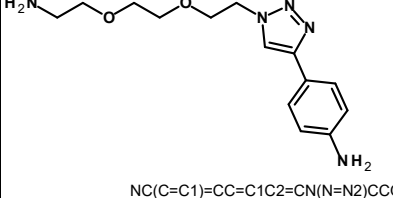
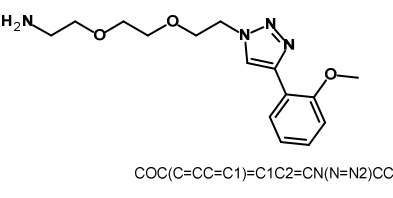
1335	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3CCCCC3</chem>	1344	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3CCCCC3</chem>
1336	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3CCCC3</chem>	1345	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3CCCC3</chem>
1337	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3CC3</chem>	1346	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3CC3</chem>
1338	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCN</chem>	1347	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCN</chem>
1339	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCN</chem>	1348	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCN</chem>
1340	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCCN</chem>	1349	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCCN</chem>
1341	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCCCCN</chem>	1350	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCCCCN</chem>
1342	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCC</chem>	1351	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCC</chem>
1343	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC</chem>	1352	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC</chem>

FIGURE 3V

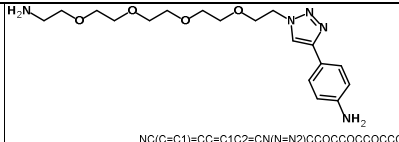
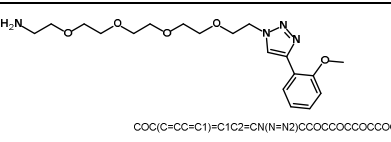
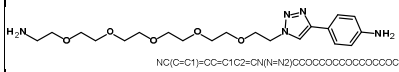
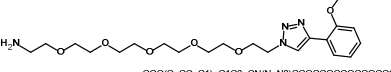
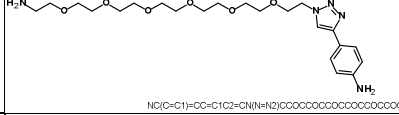
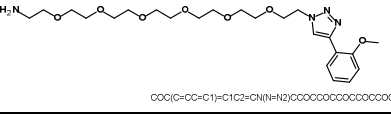
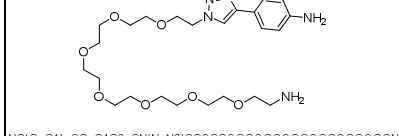
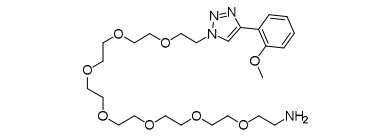
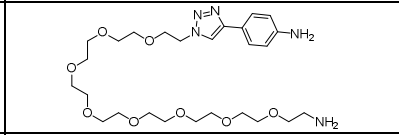
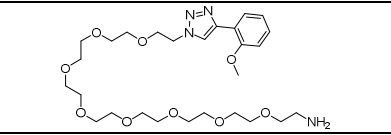
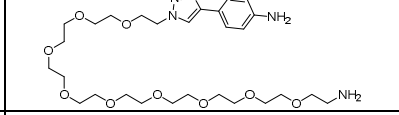
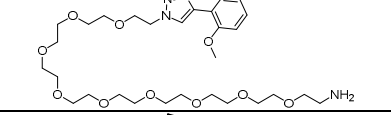
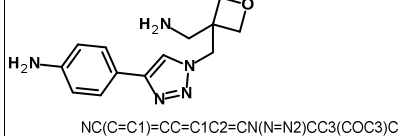
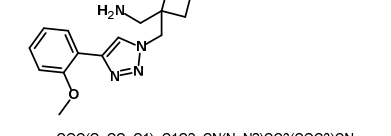
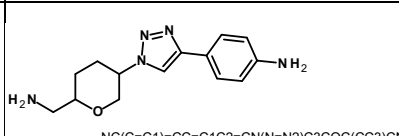
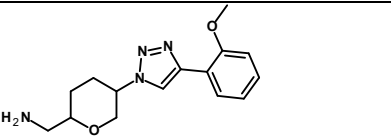
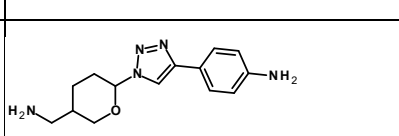
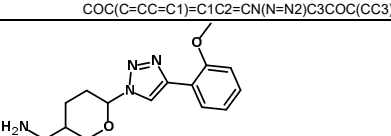
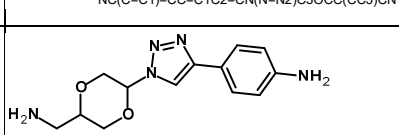
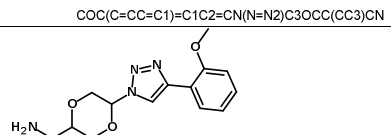
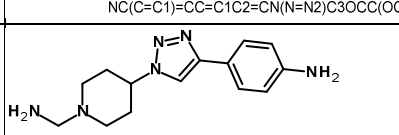
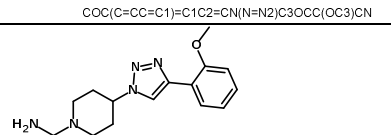
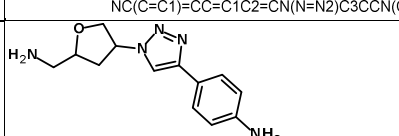
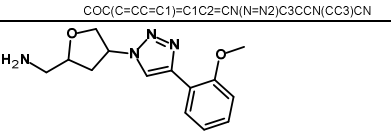
1353	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOC</chem>	1365	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOC</chem>
1354	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOCOC</chem>	1366	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOCOC</chem>
1355	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>	1367	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>
1356	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>	1368	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>
1357	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>	1369	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>
1358	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>	1370	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCOCOCOCOC</chem>
1359	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)CC3(COC3)C</chem>	1371	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)CC3(COC3)CN</chem>
1360	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3COC(C3)CN</chem>	1372	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3COC(C3)CN</chem>
1361	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3OCC(C3)CN</chem>	1373	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3OCC(C3)CN</chem>
1362	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3OCC(C3)CN</chem>	1374	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3OCC(C3)CN</chem>
1363	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3CCN(C3)CN</chem>	1375	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3CCN(C3)CN</chem>
1364	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3CC(OC3)CN</chem>	1376	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3CC(OC3)CN</chem>

FIGURE 3W

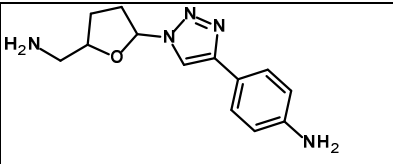
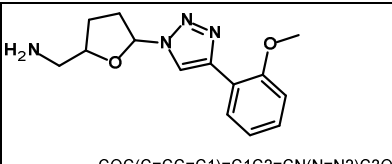
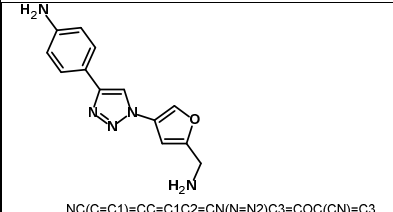
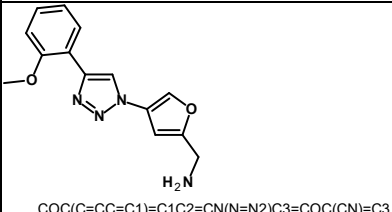
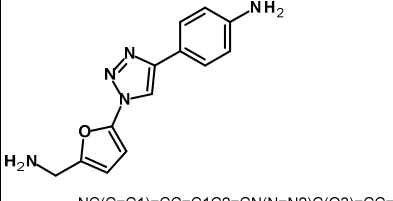
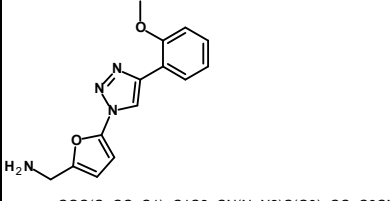
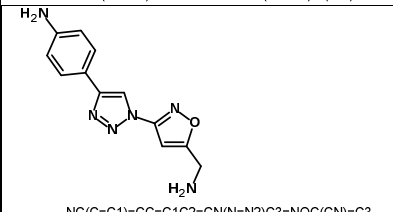
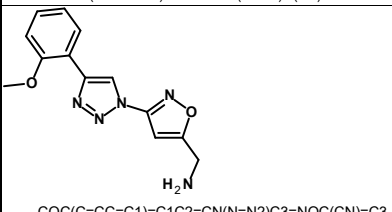
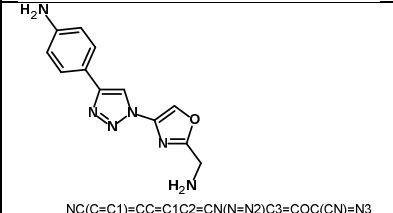
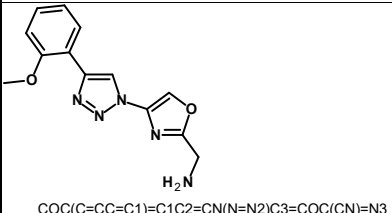
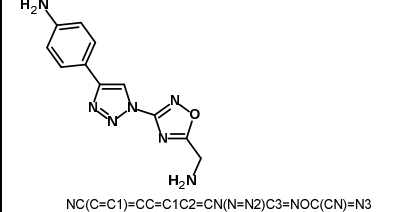
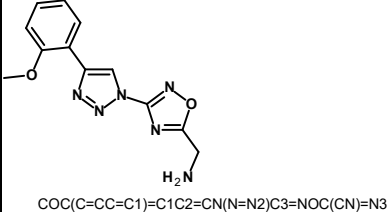
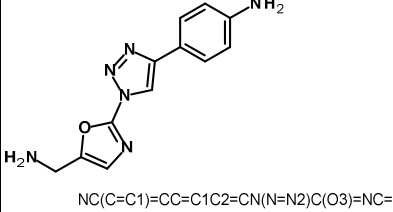
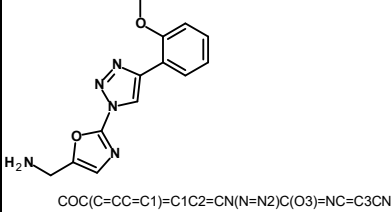
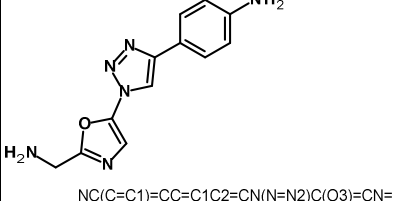
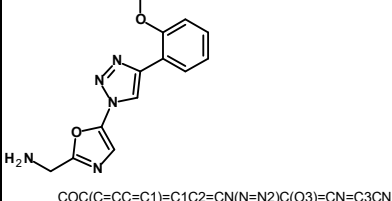
1377	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3OC(CN)CC3</chem>	1385	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3OC(CN)CC3</chem>
1378	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=COC(CN)=C3</chem>	1386	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=COC(CN)=C3</chem>
1379	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(O3)=CC=C3</chem>	1387	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(O3)=CC=C3CN</chem>
1380	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NOC(CN)=C3</chem>	1388	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NOC(CN)=C3</chem>
1381	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=COC(CN)=N3</chem>	1389	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=COC(CN)=N3</chem>
1382	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NOC(CN)=N3</chem>	1390	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NOC(CN)=N3</chem>
1383	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(O3)=NC=C3</chem>	1391	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(O3)=NC=C3CN</chem>
1384	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(O3)=CN=C3</chem>	1392	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(O3)=CN=C3CN</chem>

FIGURE 3X

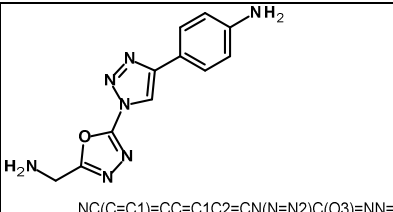
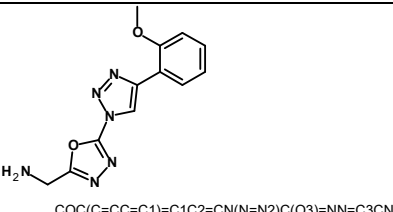
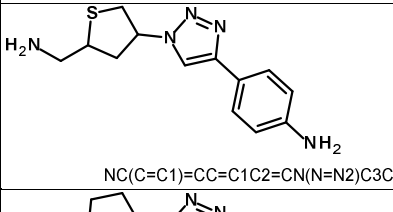
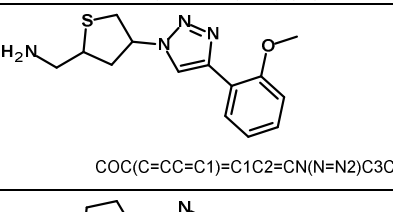
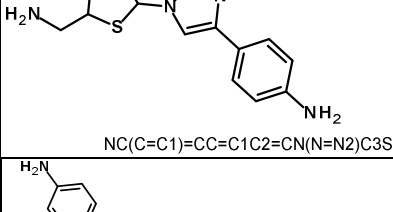
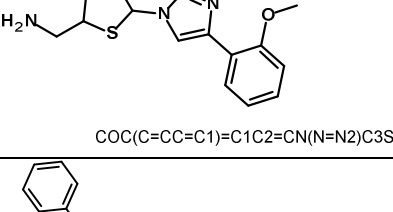
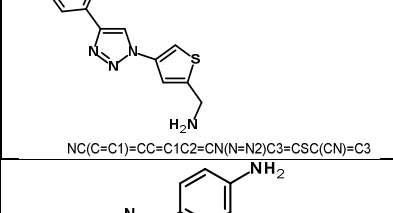
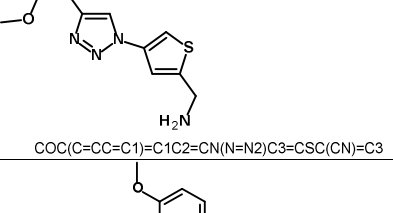
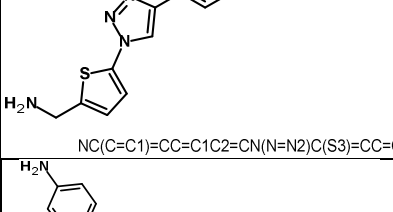
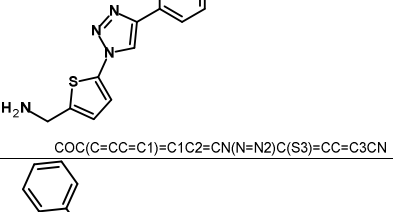
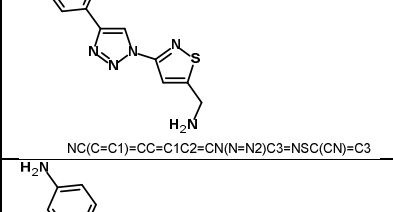
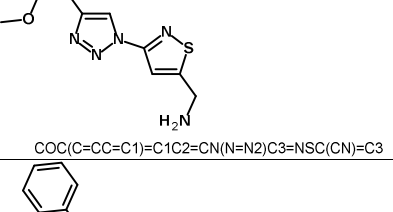
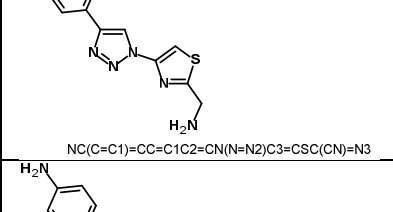
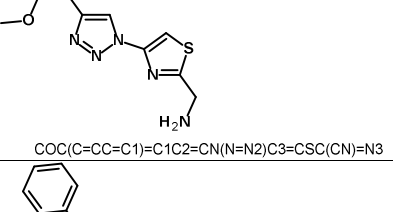
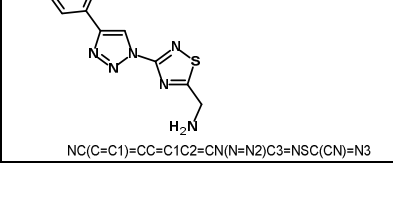
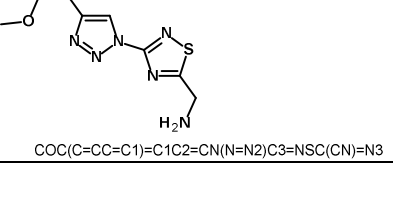
1393	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(O3)=NN=C3C</chem>	1401	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(O3)=NN=C3CN</chem>
1394	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3C</chem>	1402	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3C</chem>
1395	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3S</chem>	1403	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3S</chem>
1396	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CSC(CN)=C3</chem>	1404	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CSC(CN)=C3</chem>
1397	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(S3)=CC=C3</chem>	1405	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(S3)=CC=C3CN</chem>
1398	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NSC(CN)=C3</chem>	1406	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NSC(CN)=C3</chem>
1399	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CSC(CN)=N3</chem>	1407	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CSC(CN)=N3</chem>
1400	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NSC(CN)=N3</chem>	1408	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NSC(CN)=N3</chem>

FIGURE 3Y

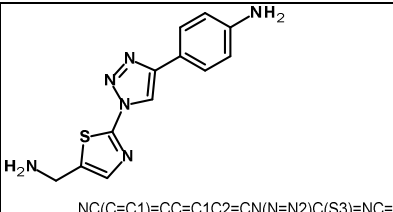
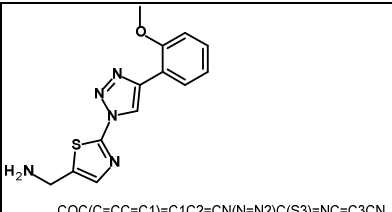
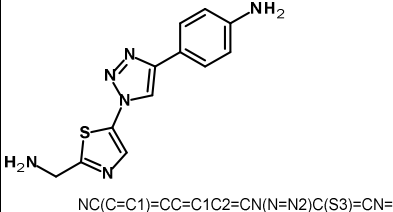
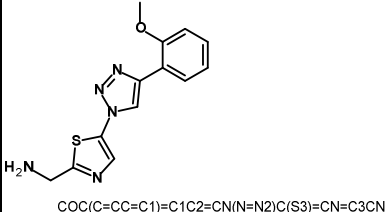
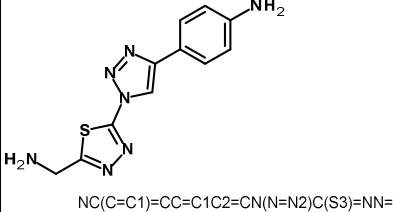
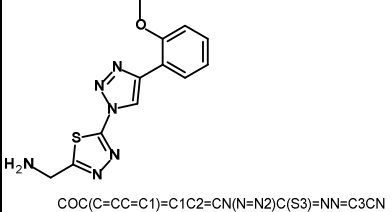
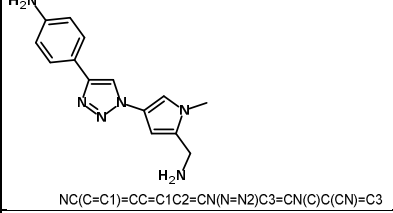
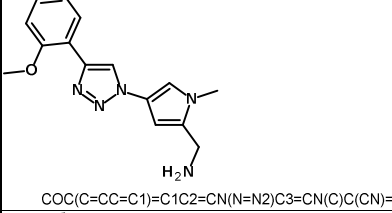
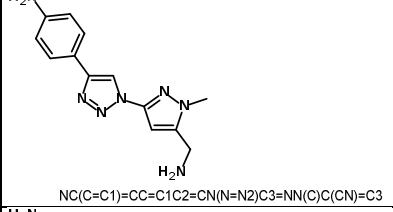
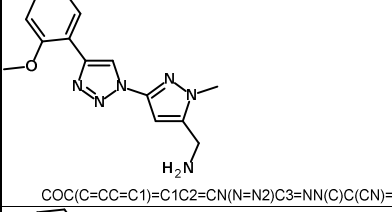
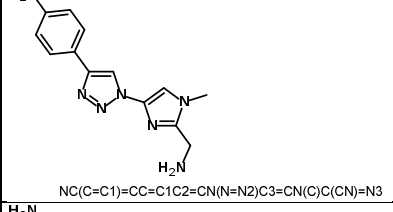
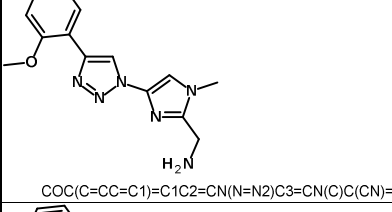
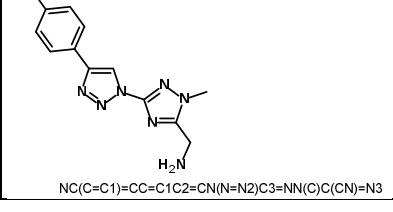
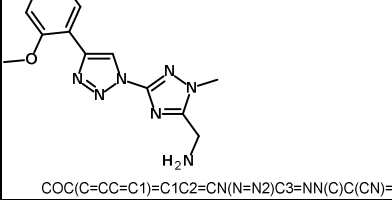
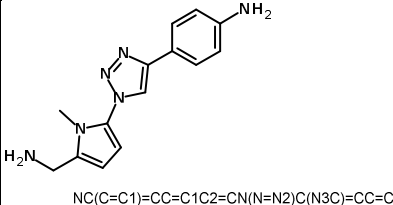
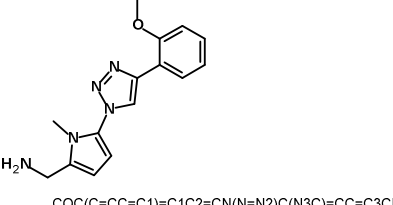
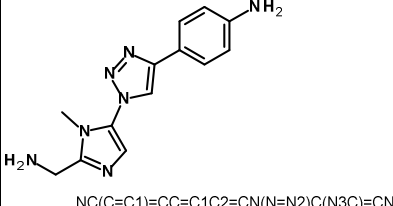
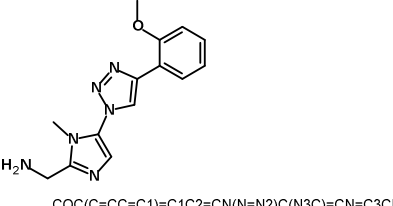
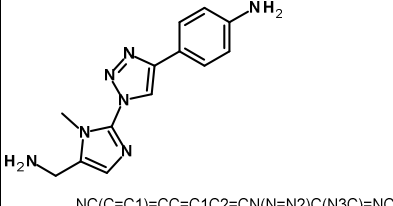
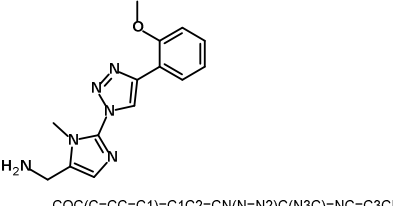
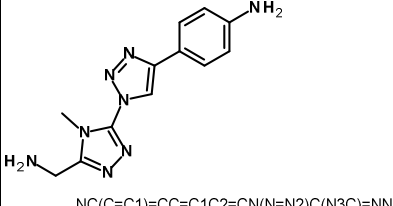
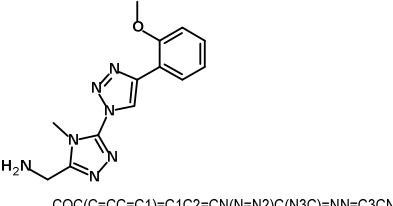
1409	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(S3)=NC=CN3</chem>	1416	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(S3)=NC=C3CN</chem>
1410	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(S3)=NC=CN3</chem>	1417	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(S3)=NC=C3CN</chem>
1411	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(S3)=NN=CN3</chem>	1418	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(S3)=NN=C3CN</chem>
1412	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CN(C)C(CN)=C3</chem>	1419	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CN(C)C(CN)=C3</chem>
1413	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NN(C)C(CN)=C3</chem>	1420	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NN(C)C(CN)=C3</chem>
1414	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=CN(C)C(CN)=N3</chem>	1421	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=CN(C)C(CN)=N3</chem>
1415	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C3=NN(C)C(CN)=N3</chem>	1422	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C3=NN(C)C(CN)=N3</chem>

FIGURE 3Z

1423	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(N3C)=CC=C3C</chem>	1432	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(N3C)=CC=C3C</chem>
1424	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(N3C)=CN3</chem>	1433	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(N3C)=CN=C3C</chem>
1425	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(N3C)=NC3</chem>	1434	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(N3C)=NC=C3C</chem>
1426	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)C(N3C)=NN3</chem>	1435	 <chem>COC(C=CC=C1)=C1C2=CN(N=N2)C(N3C)=NN=C3CN</chem>

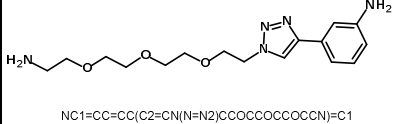
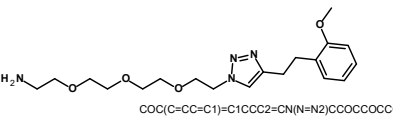
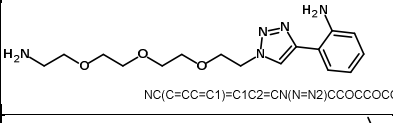
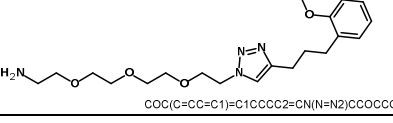
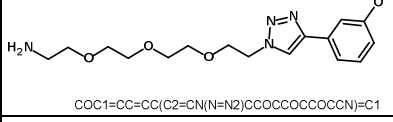
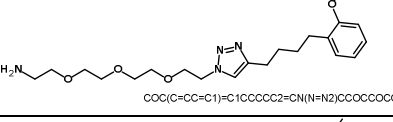
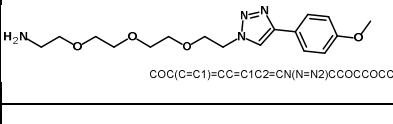
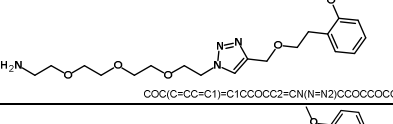
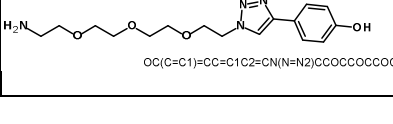
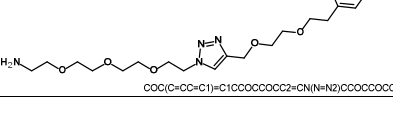
1427	 <chem>NC1=CC=CC(C2=CN(N=N2)CCOCCOCCOCCN)=C1</chem>	1436	 <chem>COC(C=CC=C1)=C1COC2=CN(N=N2)CCOCCOCCOCC</chem>
1428	 <chem>NC(C=CC=C1)=C1C2=CN(N=N2)CCOCCOCCOCC</chem>	1437	 <chem>COC(C=CC=C1)=C1CCOC2=CN(N=N2)CCOCCOCCOCC</chem>
1429	 <chem>COC1=CC=CC(C2=CN(N=N2)CCOCCOCCOCCN)=C1</chem>	1438	 <chem>COC(C=CC=C1)=C1CCOC2=CN(N=N2)CCOCCOCCOCC</chem>
1430	 <chem>COC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCC</chem>	1439	 <chem>COC(C=CC=C1)=C1CCOC2=CN(N=N2)CCOCCOCCOCC</chem>
1431	 <chem>OC(C=C1)=CC=C1C2=CN(N=N2)CCOCCOCCOCCOCC</chem>	1440	 <chem>COC(C=CC=C1)=C1CCOCCOCC2=CN(N=N2)CCOCCOCCOCC</chem>

FIGURE 3AA

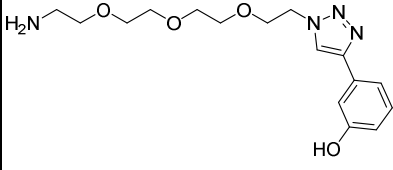
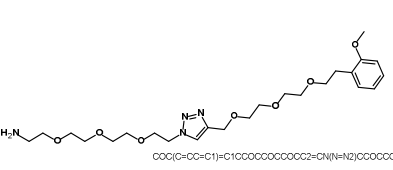
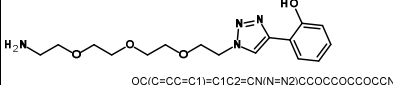
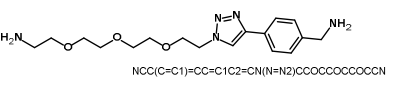
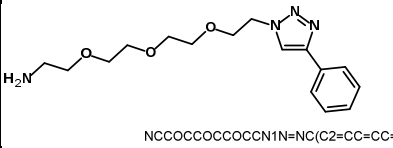
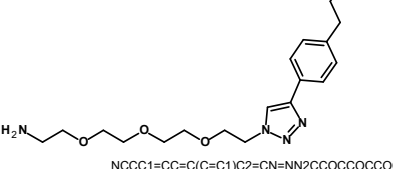
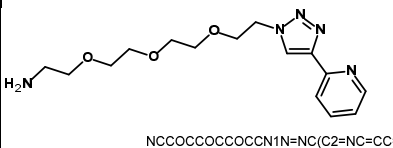
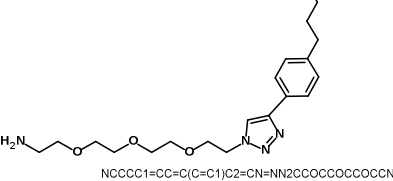
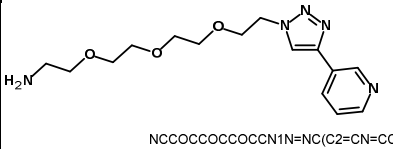
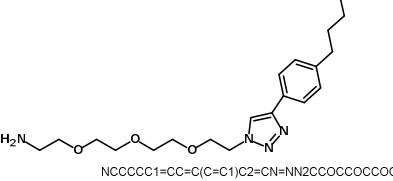
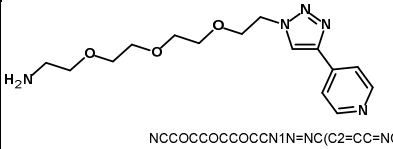
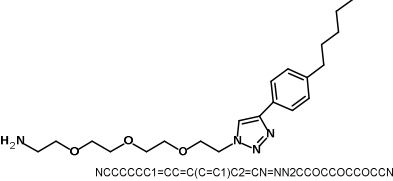
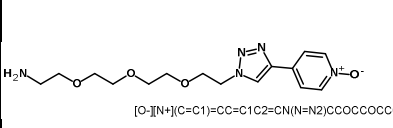
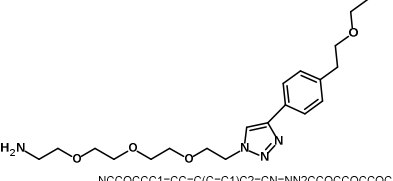
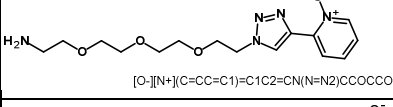
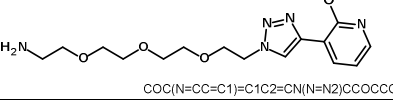
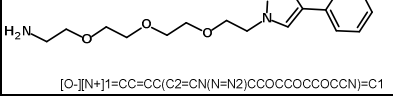
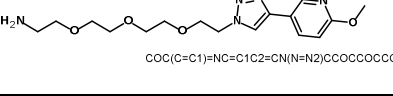
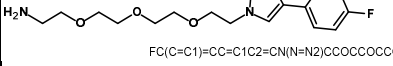
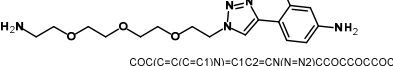
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1449		1459	
1450		1460	

FIGURE 3BB

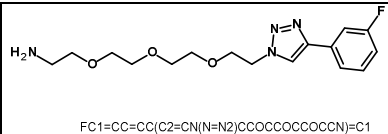
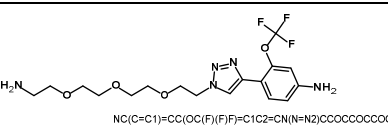
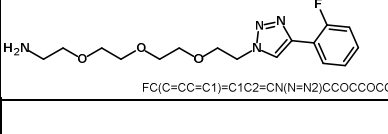
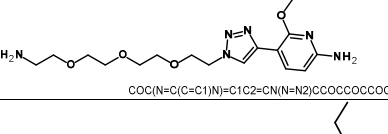
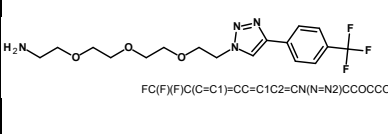
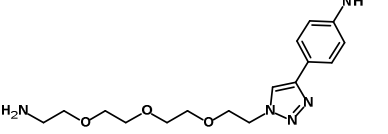
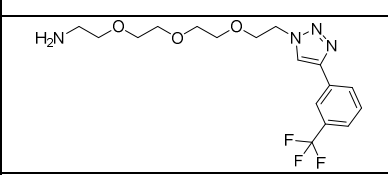
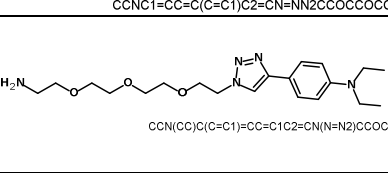
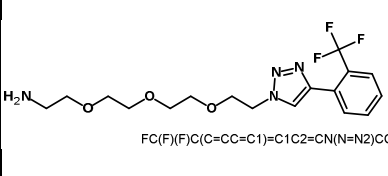
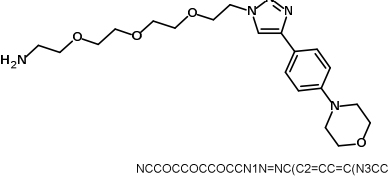
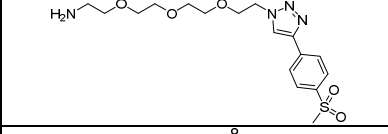
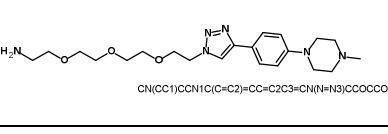
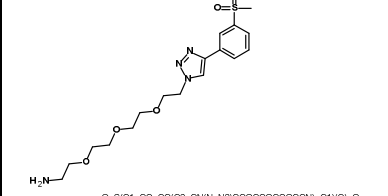
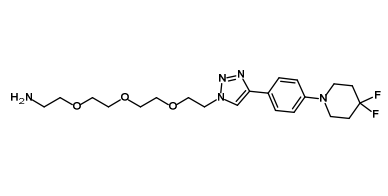
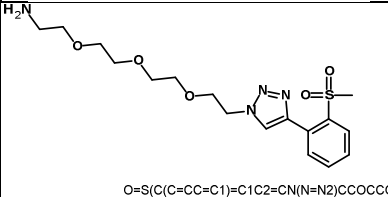
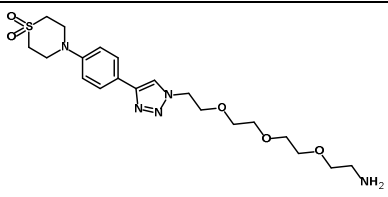
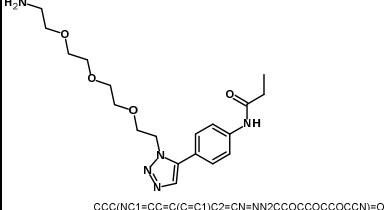
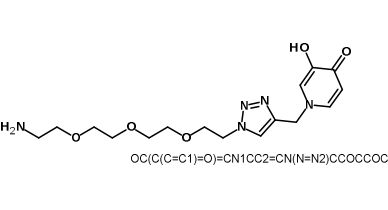
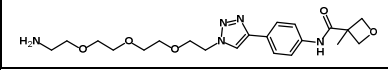
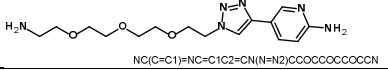
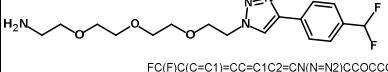
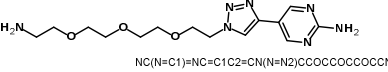
1461	 <chem>FC1=CC=CC(C2=CN(N=N2)COCOCOCOCOCN)=C1</chem>	1472	 <chem>NC(C=C1)=CC(OC(F)(F)F)=C1C2=CN(N=N2)COCOCOCOCN</chem>
1462	 <chem>FC(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCN</chem>	1473	 <chem>COC(N=C(C=C1)N)=C1C2=CN(N=N2)COCOCOCOCN</chem>
1463	 <chem>FC(F)(F)C(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCN</chem>	1474	 <chem>CCNC1=CC=C(C=C1)C2=CN=NN2COCOCOCOCN</chem>
1464	 <chem>FC(F)(F)C(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCN</chem>	1475	 <chem>CCN(CC)C(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCN</chem>
1465	 <chem>FC(F)(F)C(C=CC=C1)=C1C2=CN(N=N2)COCOCOCOCN</chem>	1476	 <chem>NCCOCOCOCOCOCN1N=NC(C2=CC=C1N3CCOCC3)=C2</chem>
1466	 <chem>CS(=O)(=O)C1=CC=C(C=C1)C2=CN(N=N2)COCOCOCOCN</chem>	1477	 <chem>CN(CC1)CCN1C(C=C2)=CC=C2C3=CN(N=N3)COCOCOCOCN</chem>
1467	 <chem>CS(=O)(=O)C1=CC=C(C=C1)C2=CN(N=N2)COCOCOCOCOCN=C1C(C)=O</chem>	1478	 <chem>FC1(F)CCN(C1)C2=CC=C(C=C2)C3=CN(N=N3)COCOCOCOCN</chem>
1468	 <chem>CS(=O)(=O)C1=CC=C(C=C1)C2=CN(N=N2)COCOCOCOCOCN</chem>	1479	 <chem>FC1(F)CCN(C1)C2=CC=C(C=C2)C3=CN(N=N3)COCOCOCOCN</chem>
1469	 <chem>CCC(NC1=CC=C(C=C1)C2=CN=NN2COCOCOCOCOCN)=O</chem>	1480	 <chem>OC(C(C=C1)=O)=CN1C2=CN(N=N2)COCOCOCOCN</chem>
1470	 <chem>NC(C=C1)=NC=C1C2=CN(N=N2)COCOCOCOCOCN</chem>	1481	 <chem>NC(C=C1)=NC=C1C2=CN(N=N2)COCOCOCOCOCN</chem>
1471	 <chem>FC(F)C(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCN</chem>	1482	 <chem>NC(N=C1)=NC=C1C2=CN(N=N2)COCOCOCOCOCN</chem>

FIGURE 3CC

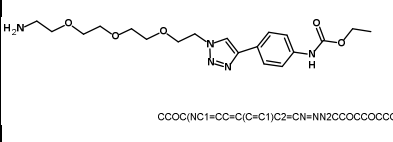
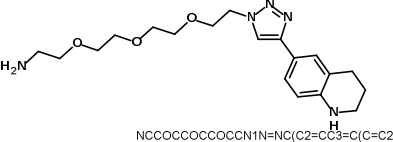
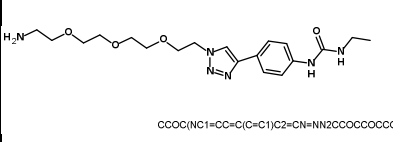
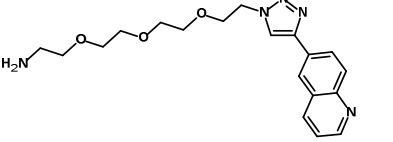
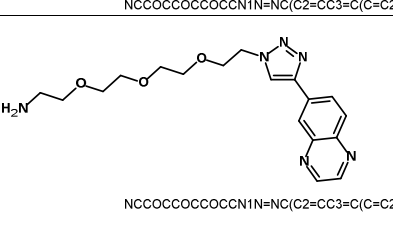
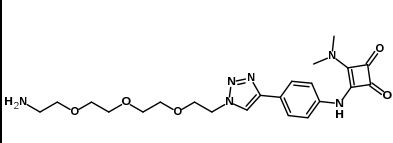
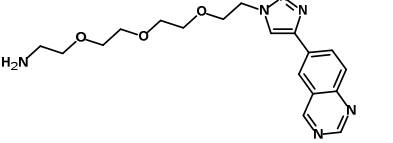
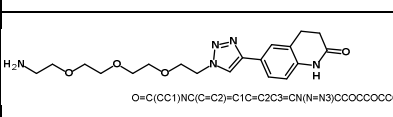
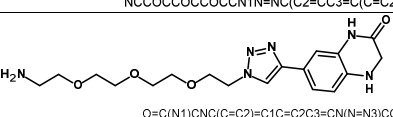
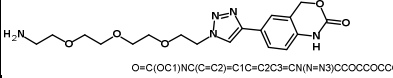
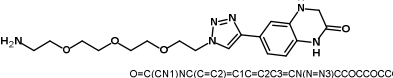
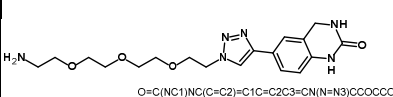
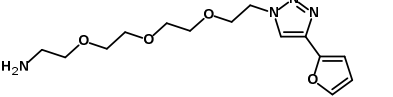
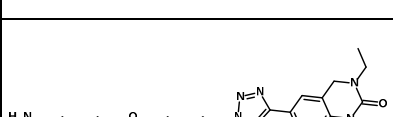
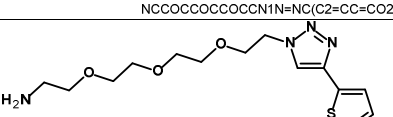
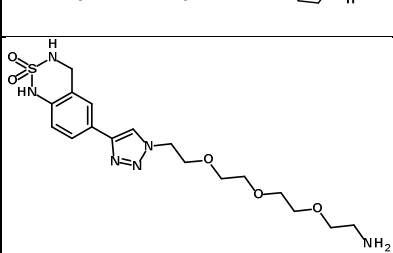
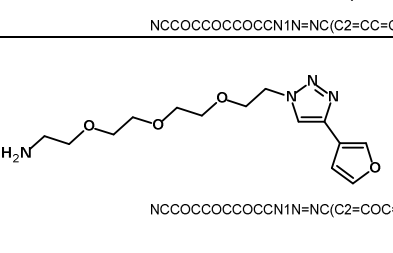
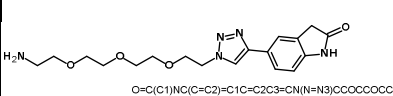
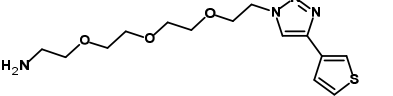
1483	 <chem>COCC(NC1=CC=C(C(=O)N)C2=CN=NN2COCOCOCOC</chem>	1493	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C(=C2</chem>
1484	 <chem>COCC(NC1=CC=C(C(=O)N)C2=CN=NN2COCOCOCOC</chem>	1494	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C(=C2</chem>
1485	 <chem>O=S(NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOCOC</chem>	1495	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C(=C2</chem>
1486	 <chem>O=C(C1)NC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>	1496	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C(=C2</chem>
1487	 <chem>O=C(C1)NC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>	1497	 <chem>O=C(N1)CNC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>
1488	 <chem>O=C(C1)NC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>	1498	 <chem>O=C(C1)NC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>
1489	 <chem>O=C(NC1)NC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>	1499	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CO2</chem>
1490	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CO2</chem>	1500	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CO2</chem>
1491	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CO2</chem>	1501	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CO2</chem>
1492	 <chem>O=C(C1)NC(C=C2)=C1C=C2C3=CN(N=N3)COCOCOCOC</chem>	1502	 <chem>NCCOCCOCCOCCN1N=NC(C2=CSC=C2</chem>

FIGURE 3DD

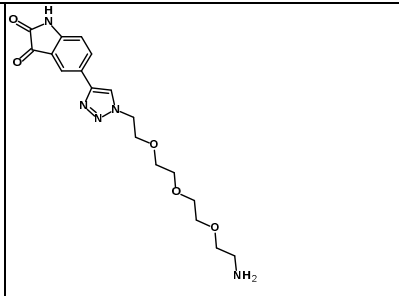
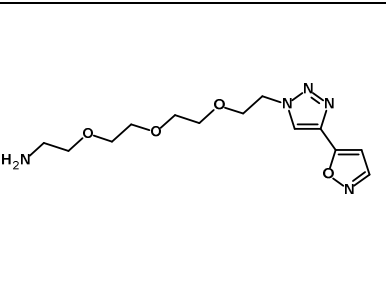
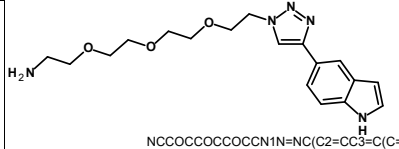
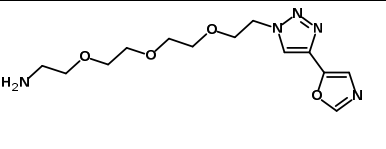
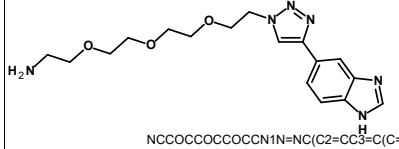
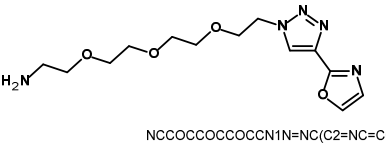
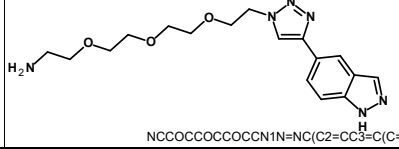
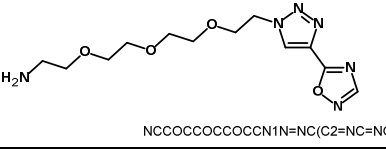
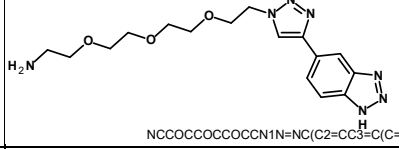
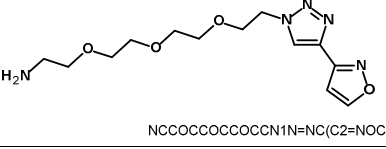
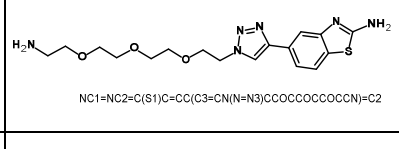
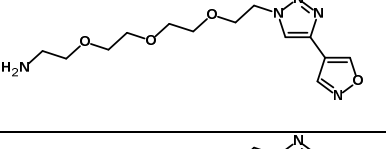
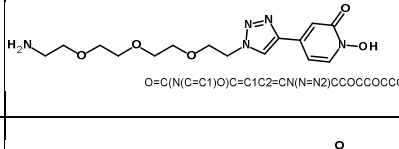
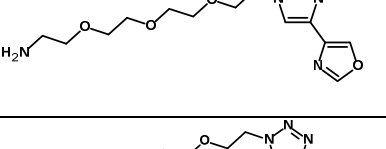
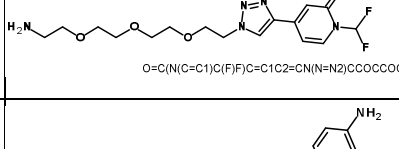
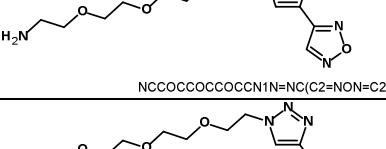
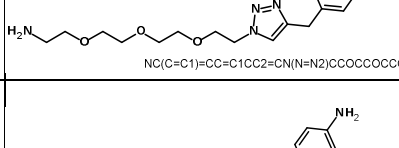
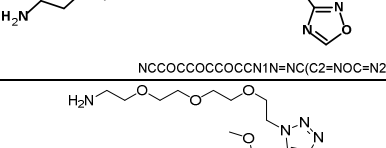
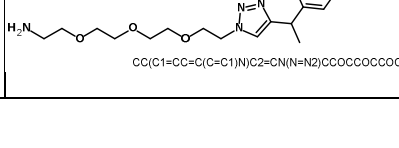
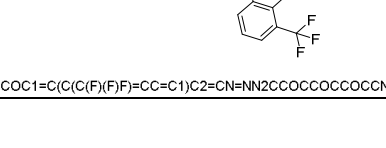
1503		1513	
1504	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C=C2)N=CN3)C4=CC=CC=C4</chem>	1514	
1505	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C=C2)N=CN3)C4=CC=CC=C4</chem>	1515	 <chem>NCCOCCOCCOCCN1N=NC(C2=NC=CC=C2)C4=CC=CC=C4</chem>
1506	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C=C2)N=CN3)C4=CC=CC=C4</chem>	1516	 <chem>NCCOCCOCCOCCN1N=NC(C2=NC=CC=C2)C4=CC=CC=C4</chem>
1507	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC3=C(C=C2)N=CN3)C4=CC=CC=C4</chem>	1517	 <chem>NCCOCCOCCOCCN1N=NC(C2=NOC=CC=C2)C4=CC=CC=C4</chem>
1508	 <chem>NC1=NC2=C(S1)C=CC(C3=CN(N=N3)COCOCOCOCN)=C2</chem>	1518	
1509	 <chem>O=C(N(C=C1)O)C=C1C2=CN(N=N2)COCOCOCOC</chem>	1519	
1510	 <chem>O=C(N(C=C1)C(F)F)C=C1C2=CN(N=N2)COCOCOCOC</chem>	1520	 <chem>NCCOCCOCCOCCN1N=NC(C2=NON=C2)C4=CC=CC=C4</chem>
1511	 <chem>NC(C=C1)=CC=C1C2=CN(N=N2)COCOCOCOC</chem>	1521	 <chem>NCCOCCOCCOCCN1N=NC(C2=NOC=N2)C4=CC=CC=C4</chem>
1512	 <chem>CC(C1=C=C(C=C1)N)C2=CN(N=N2)COCOCOCOC</chem>	1522	 <chem>COC1=C(C(C(F)F)=CC=C1)C2=CN=NN2COCOCOCOCN</chem>

FIGURE 3EE

1523		1533	
1524		1534	
1525		1535	
1526		1536	
1527		1537	
1528		1538	
1529		1539	
1530		1540	
1531		1541	
1532		1542	

FIGURE 3FF

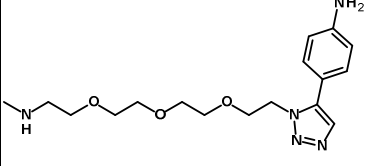
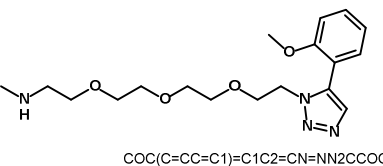
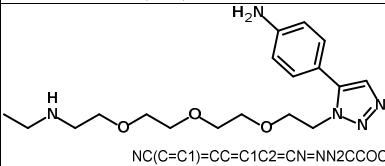
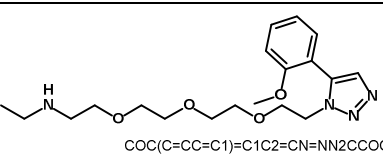
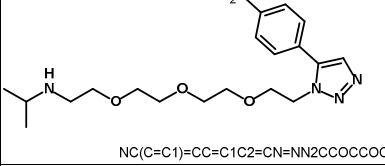
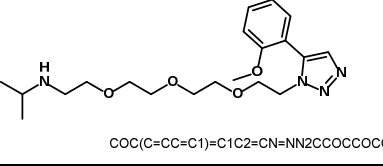
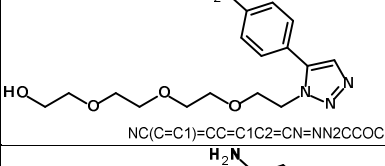
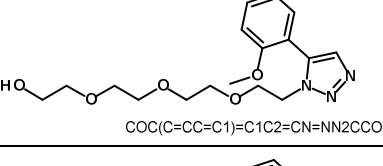
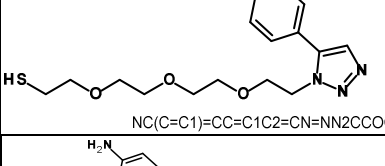
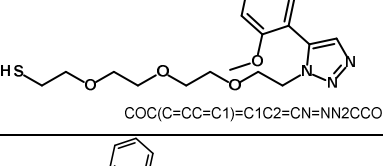
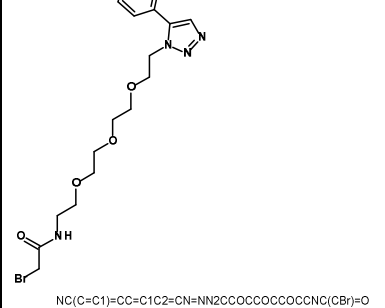
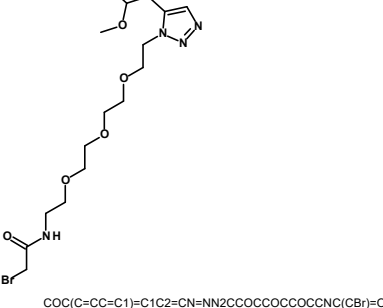
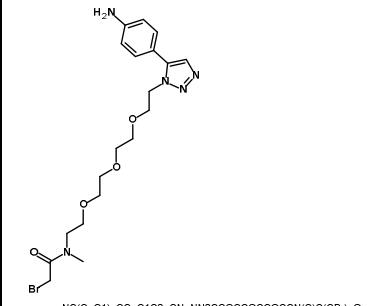
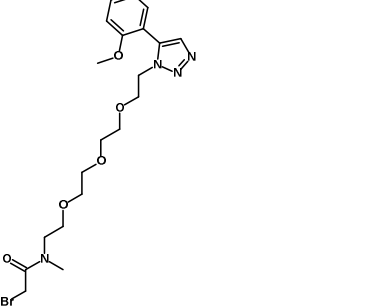
1543	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCN</chem>	1550	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCN</chem>
1544	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCN</chem>	1551	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCN</chem>
1545	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCN</chem>	1552	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCN</chem>
1546	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCO</chem>	1553	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCO</chem>
1547	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCS</chem>	1554	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCS</chem>
1548	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCNC(=O)CCBr</chem>	1555	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCNC(=O)CCBr</chem>
1549	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCNC(=O)CCBr</chem>	1556	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCNC(=O)CCBr</chem>

FIGURE 3GG

[illegible]

FIGURE 3HH

1565	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN(C(C)C)=O</chem>	1569	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN(C(C)C)=O</chem>
1566	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(C)C=O</chem>	1570	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCOC(C)C=O</chem>
1567	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(C)C=O</chem>	1571	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCOC(C)C=O</chem>
1568	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(C)C=O</chem>	1572	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCOC(C)C=O</chem>

FIGURE 3II

1573	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>	1578	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>
1574	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>	1579	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>
1575	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>	1580	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>
1576	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>	1581	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>
1577	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>	1582	 <chem>NC(C#N)=CC=C1C2=CN=NN2CCOCCOCCOCCN(C)C(=O)C(=C)C#N</chem>

FIGURE 3JJ

1583		1589	
1584		1590	
1585		1591	
1586		1592	
1587		1593	
1588		1594	

FIGURE 3KK

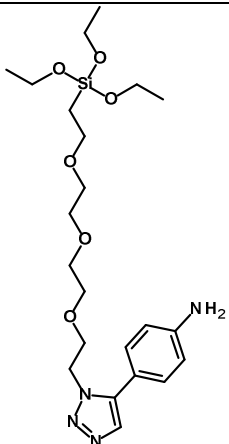
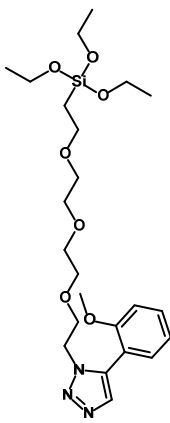
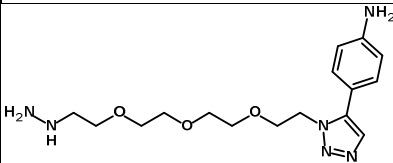
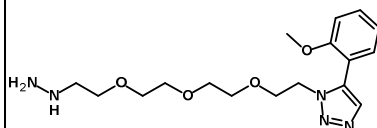
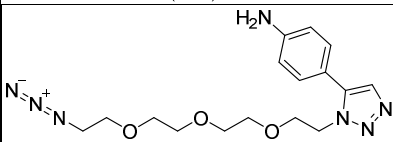
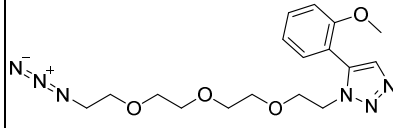
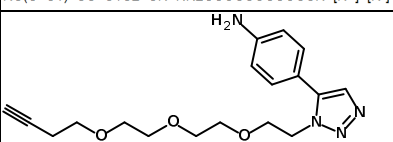
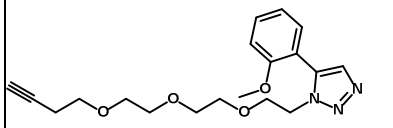
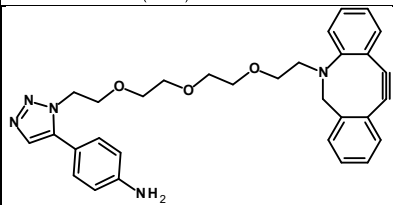
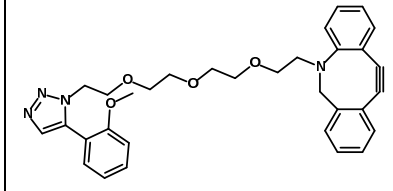
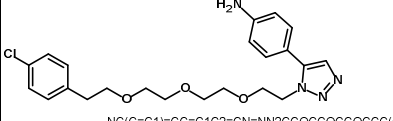
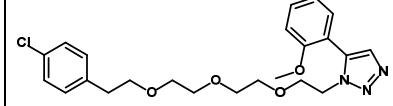
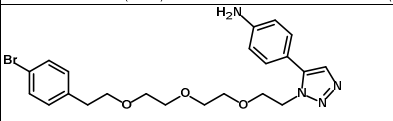
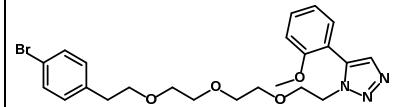
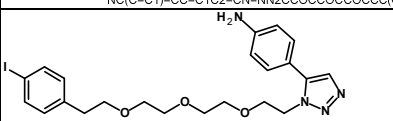
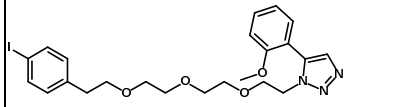
1595		1603	
1596	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOC</chem>	1604	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOC</chem>
1597	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCN=[N+]=[N-]</chem>	1605	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCOCOCOCOCN=[N+]=[N-]</chem>
1598	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCOC</chem>	1606	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCOC</chem>
1599		1607	
1600	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCOC(C</chem>	1608	
1601	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCOC(C</chem>	1609	
1602	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCOC(C</chem>	1610	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCOCOCOCOC(C</chem>

FIGURE 3LL

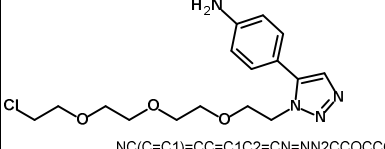
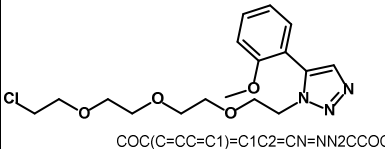
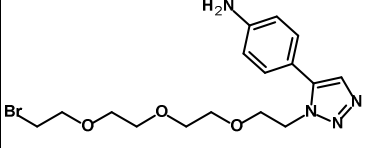
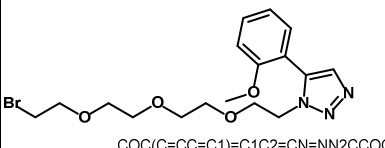
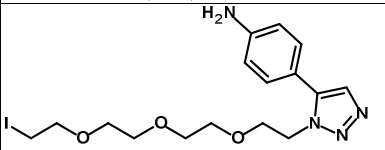
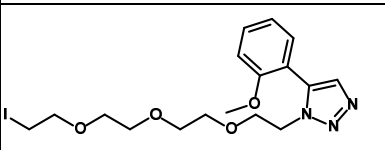
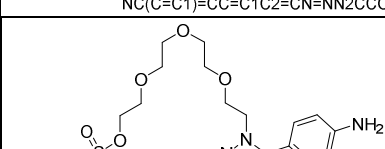
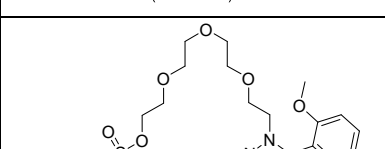
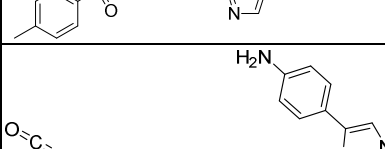
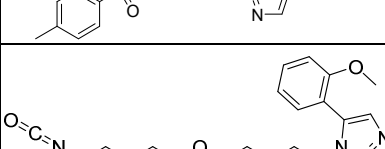
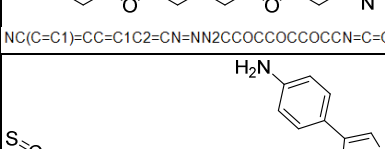
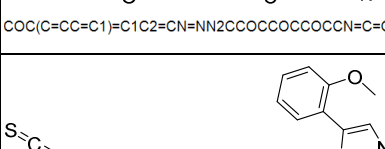
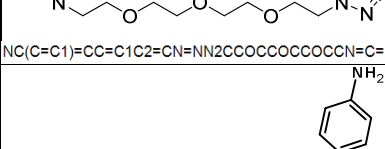
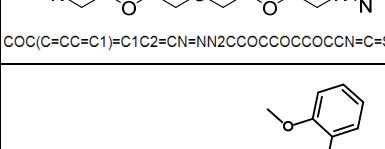
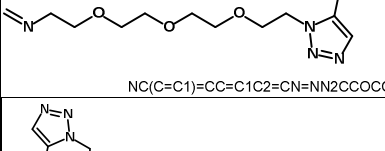
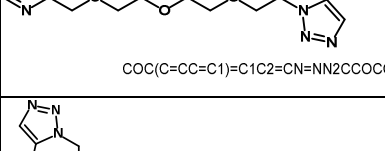
1611	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCOCCl</chem>	1619	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCl</chem>
1612	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCBr</chem>	1620	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCBr</chem>
1613	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCI</chem>	1621	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCI</chem>
1614	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOS(=O)(=O)c3ccc(C)cc3</chem>	1622	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOS(=O)(=O)c3ccc(C)cc3</chem>
1615	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCN=C=O</chem>	1623	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCN=C=O</chem>
1616	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCN=C=S</chem>	1624	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCCN=C=S</chem>
1617	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCCN#C</chem>	1625	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCN#C</chem>
1618	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCC1CO1</chem>	1626	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCC1CO1</chem>

FIGURE 3MM

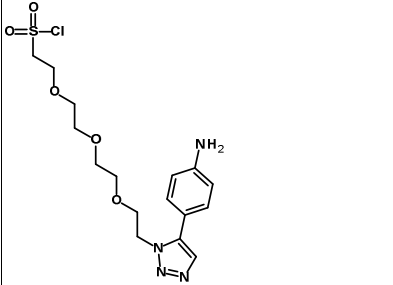
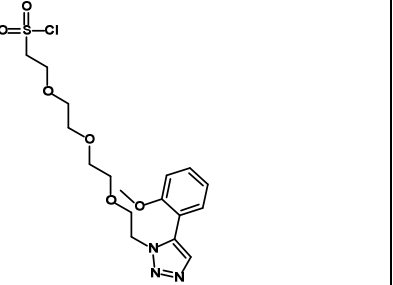
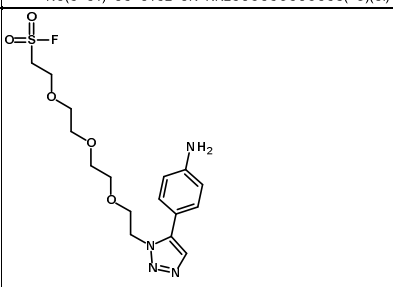
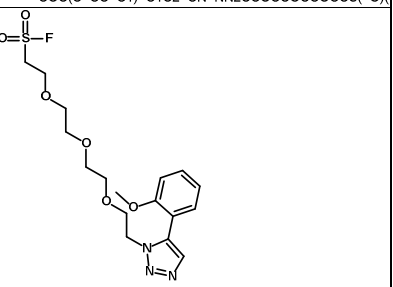
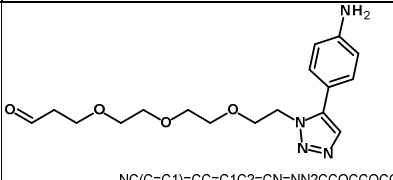
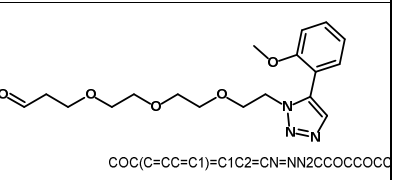
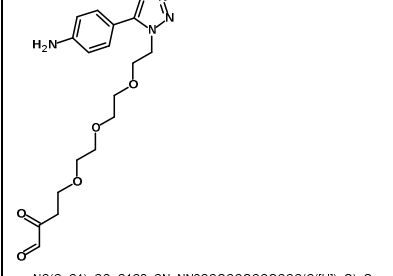
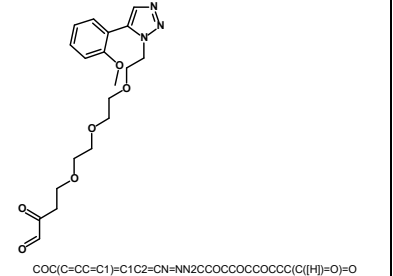
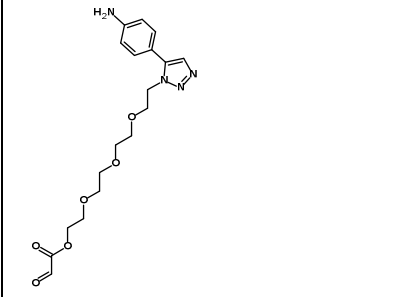
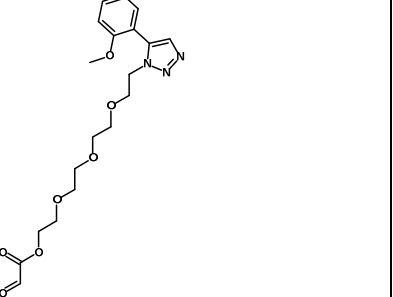
1627	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCS(=O)(Cl)=O</chem>	1632	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCS(=O)(Cl)=O</chem>
1628	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCS(=O)(F)=O</chem>	1633	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCS(=O)(F)=O</chem>
1629	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCC</chem>	1634	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCC</chem>
1630	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCC(C([H])=O)=O</chem>	1635	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCC(C([H])=O)=O</chem>
1631	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCC(C([H])=O)=O</chem>	1636	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCC(C([H])=O)=O</chem>

FIGURE 3NN

1637		1642	
1638		1643	
1639		1644	
1640		1645	
1641		1646	

FIGURE 300

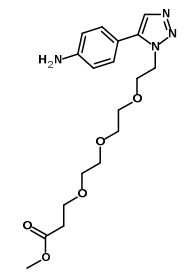
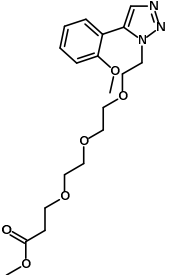
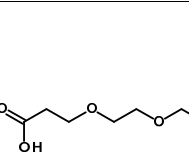
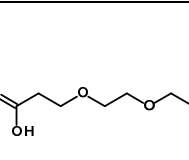
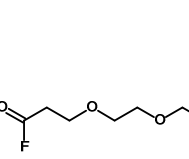
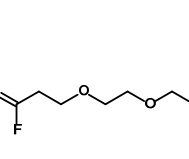
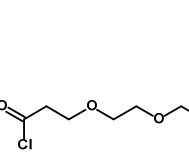
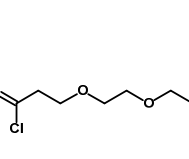
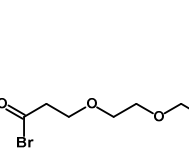
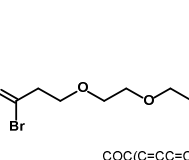
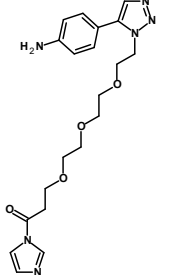
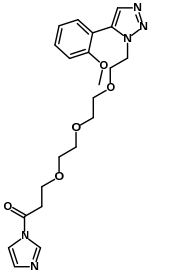
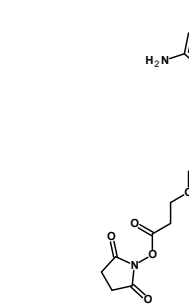
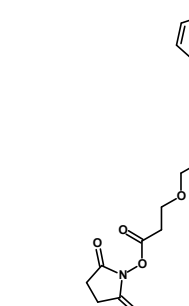
1647	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(OC)=O</chem>	1654	
1648	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOC(=O)O</chem>	1655	
1649	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOC(=O)F</chem>	1656	
1650	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOC(=O)Cl</chem>	1657	
1651	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOC(=O)Br</chem>	1658	 <chem>COC(C=CC=C1)=C1C2=CN=NN2COCOCOC(=O)Br</chem>
1652	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(=O)N3C=NC=C3=O</chem>	1659	 <chem>COC(C=CC=C1)=C1C2=CN=NN2COCOCOCOCOCOC(=O)N3C=NC=C3=O</chem>
1653	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(=O)N3C=NC=C3=O</chem>	1660	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOC(=O)N3C=NC=C3=O</chem>

FIGURE 3PP

1661		1667	
1662		1668	
1663		1669	
1664		1670	
1665		1671	
1666		1672	

FIGURE 3QQ

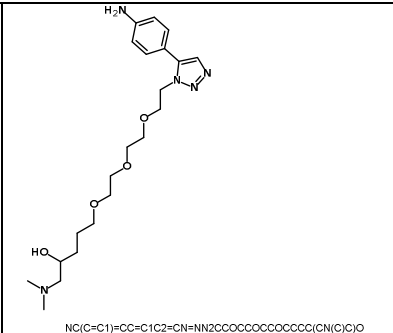
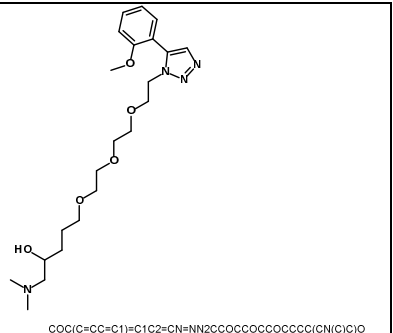
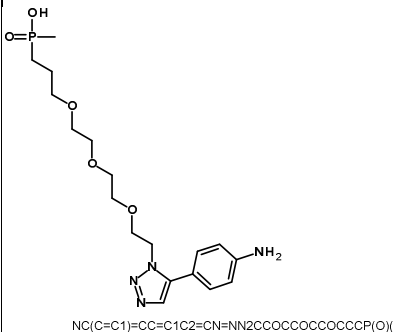
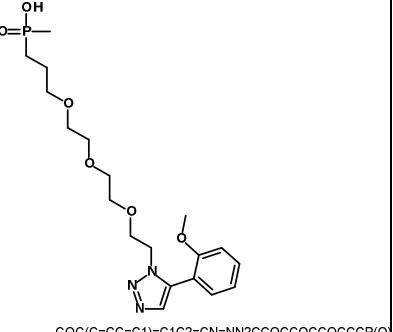
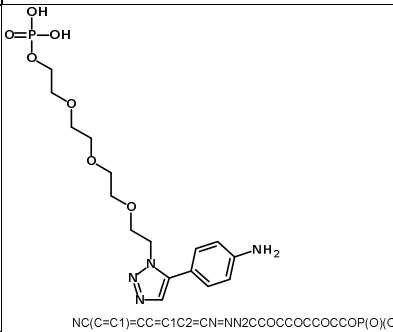
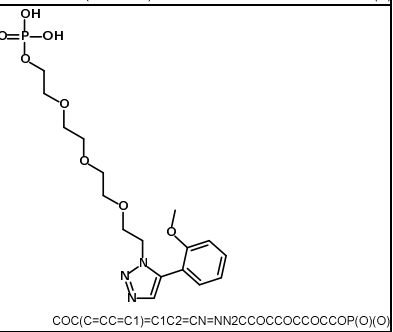
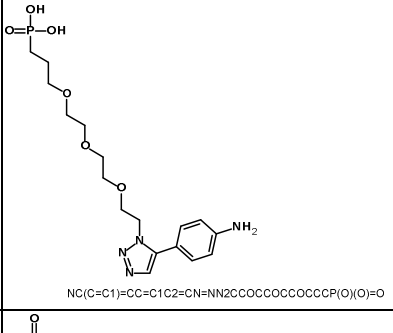
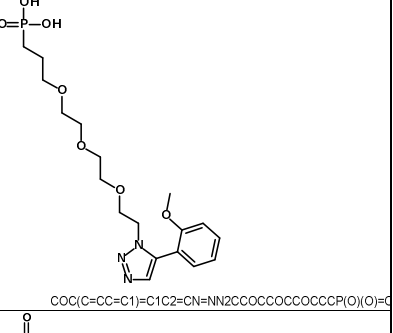
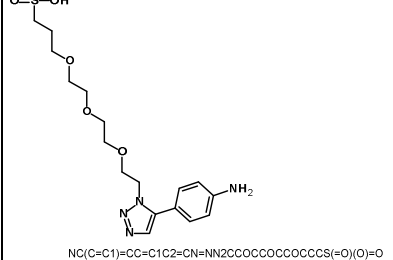
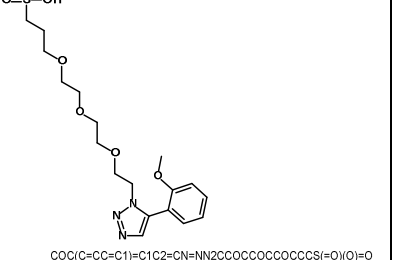
1673	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOCC(CN(C)C)O</chem>	1678	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOCC(CN(C)C)O</chem>
1674	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOP(O)(O)C</chem>	1679	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOP(O)(O)C</chem>
1675	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOP(O)(O)C</chem>	1680	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOP(O)(O)C</chem>
1676	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCOP(O)(O)C</chem>	1681	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCOP(O)(O)C</chem>
1677	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCCOCCOCCS(=O)(=O)O</chem>	1682	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCCOCCOCCS(=O)(=O)O</chem>

FIGURE 3RR

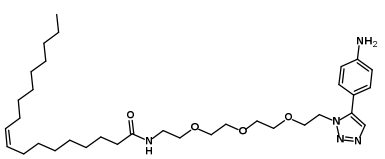
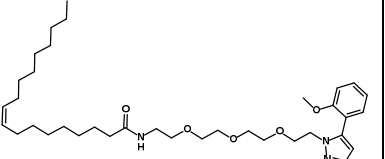
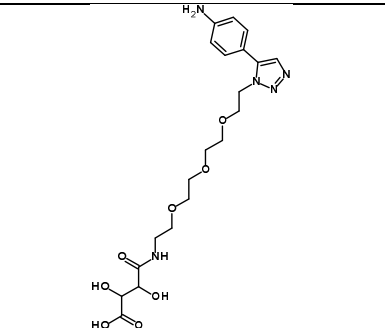
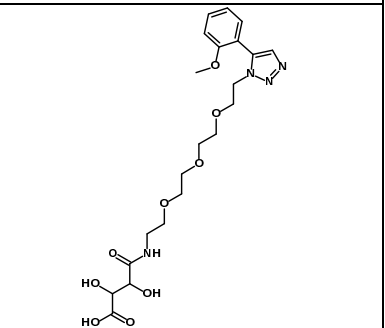
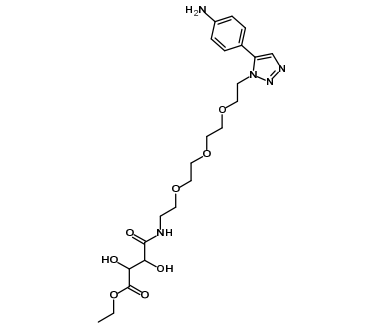
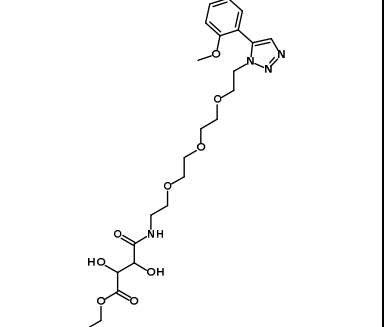
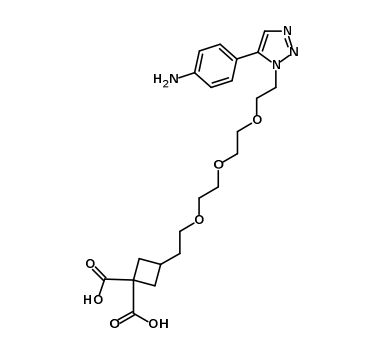
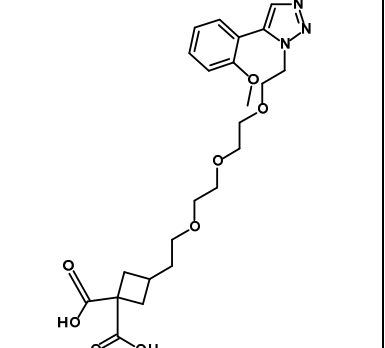
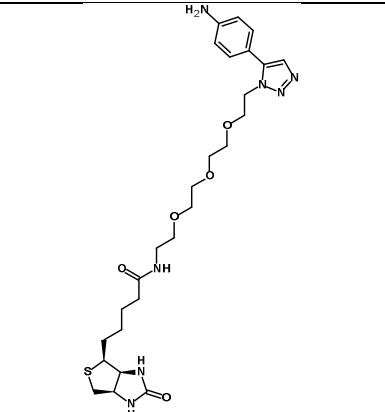
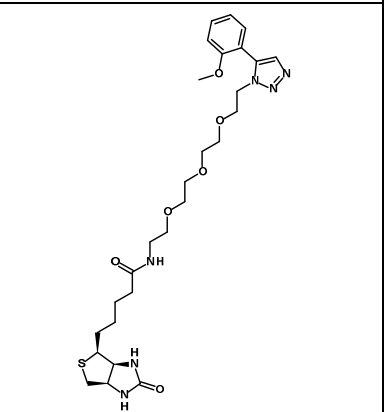
1683		1688	
1684		1689	
1685		1690	
1686		1691	
1687		1692	

FIGURE 3SS

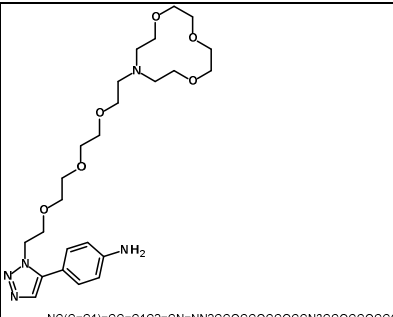
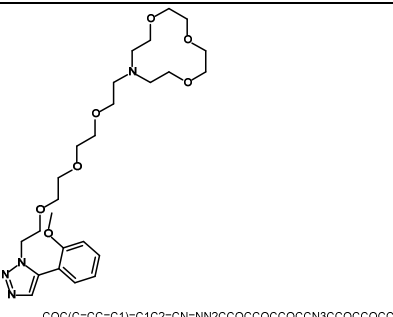
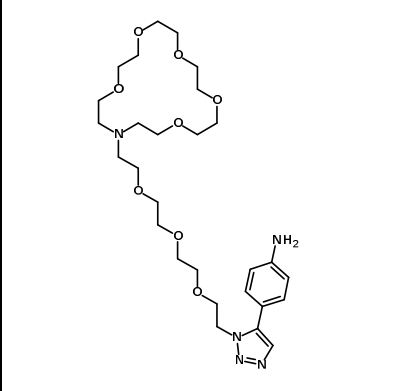
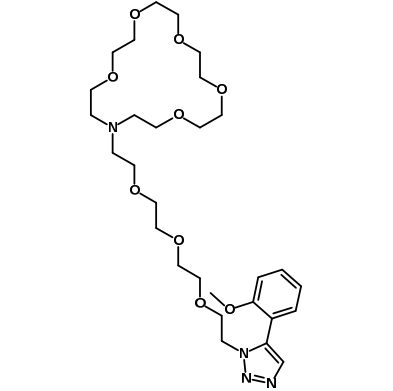
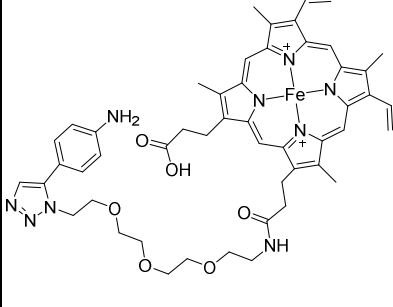
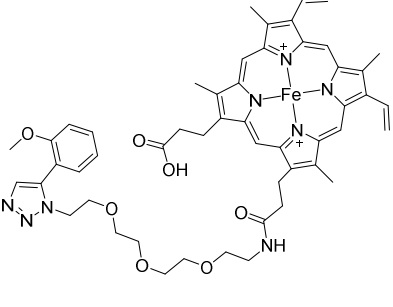
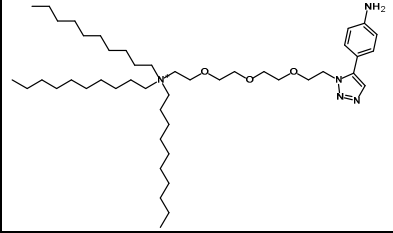
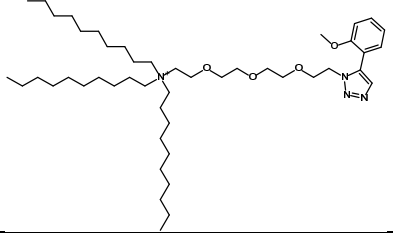
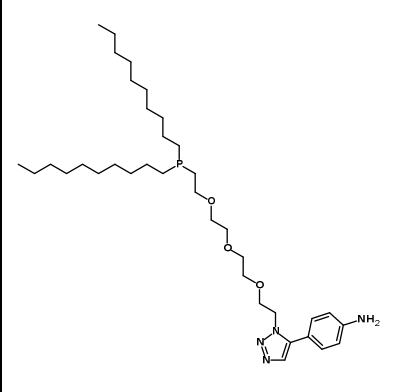
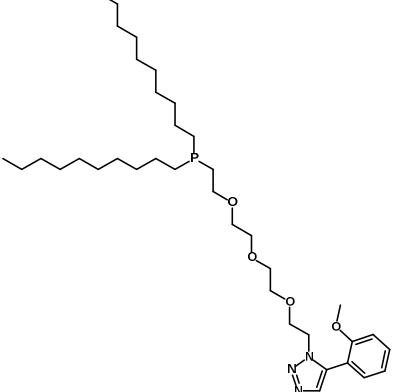
1693	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>	1698	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>
1694	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>	1699	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>
1695	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>	1700	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>
1696	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>	1701	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>
1697	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>	1702	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOCOCOCN3COCOCOCOC</chem>

FIGURE 3TT

1703		1708	
1704		1709	
1705		1710	
1706		1711	
1707		1712	

FIGURE 3UU

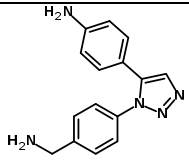
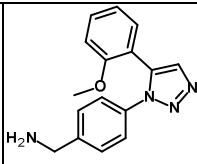
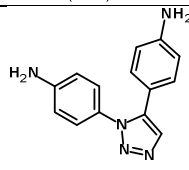
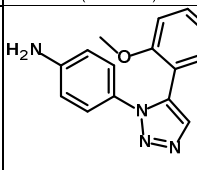
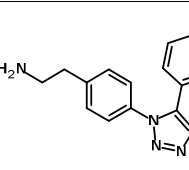
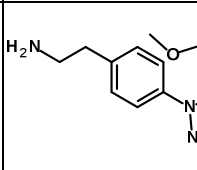
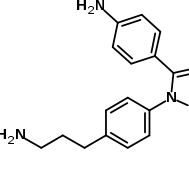
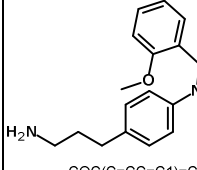
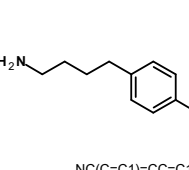
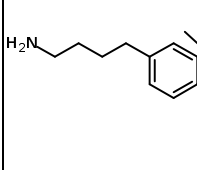
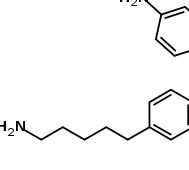
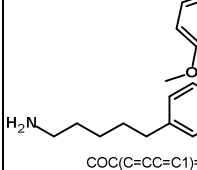
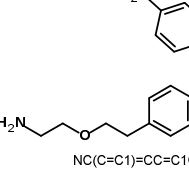
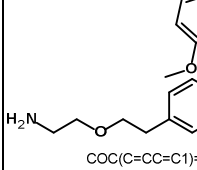
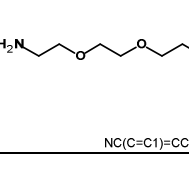
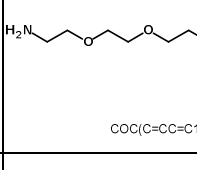
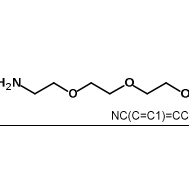
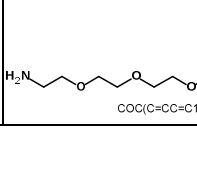
1713	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1722	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1714	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)N</chem>	1723	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)N</chem>
1715	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1724	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1716	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1725	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1717	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1726	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1718	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1727	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1719	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1728	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1720	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1729	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
1721	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	1730	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>

FIGURE 3VV

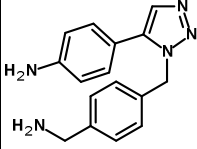
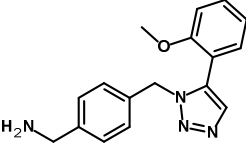
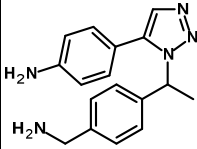
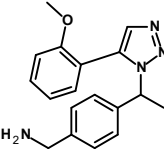
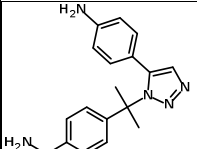
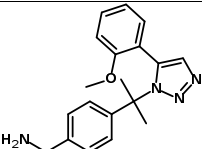
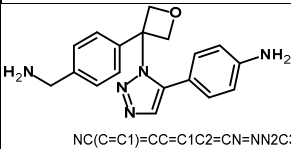
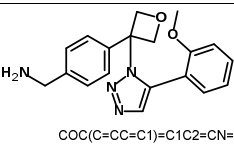
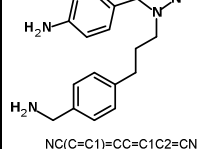
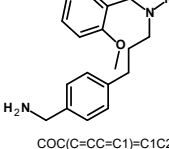
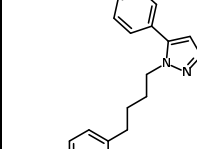
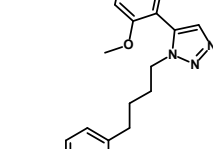
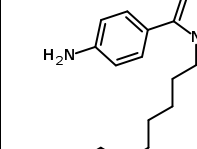
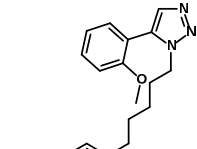
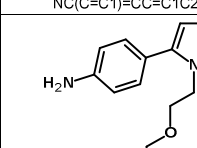
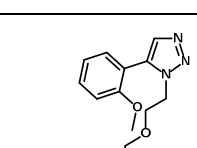
1731	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CC3=CC=C(C=C3)N</chem>	1739	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(C3=CC=C(C=C3)N)C</chem>
1732	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CC3=CC=C(C=C3)N</chem>	1740	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(C3=CC=C(C=C3)N)C</chem>
1733	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CC3=CC=C(C=C3)N</chem>	1741	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(C3=CC=C(C=C3)N)C</chem>
1734	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3(COC3)C(C=C4)C</chem>	1742	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3(COC3)C(C=C4)C</chem>
1735	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCC3=CC=C(C=C3)CN</chem>	1743	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCC3=CC=C(C=C3)CN</chem>
1736	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCC3=CC=C(C=C3)CN</chem>	1744	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCC3=CC=C(C=C3)CN</chem>
1737	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCC3=CC=C(C=C3)CN</chem>	1745	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCC3=CC=C(C=C3)CN</chem>
1738	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCC3=CC=C(C=C3)CN</chem>	1746	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCC3=CC=C(C=C3)CN</chem>

FIGURE 3WW

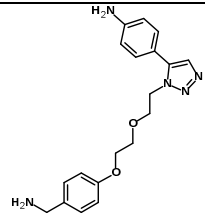
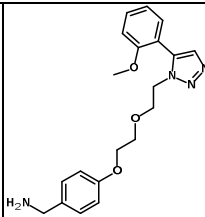
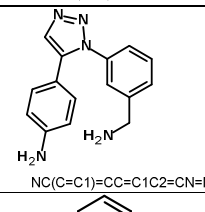
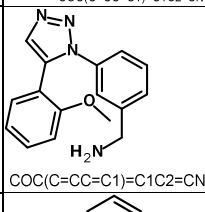
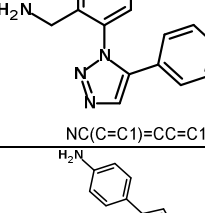
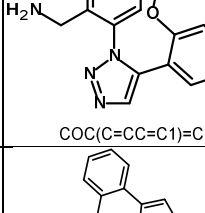
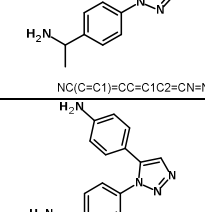
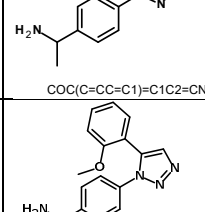
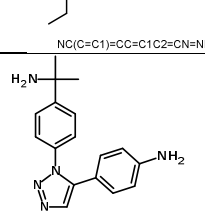
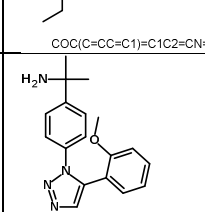
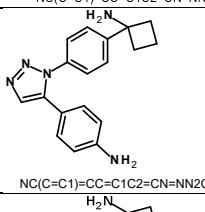
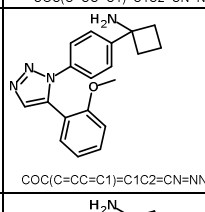
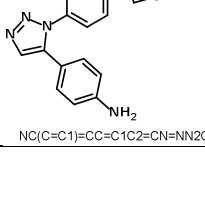
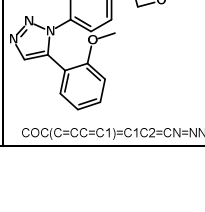
1747	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOC3=CC=C(C=C3)CN</chem>	1755	 <chem>COC(C=C=C1)=C1C2=CN=NN2COCOCOC3=CC=C(C=C3)CN</chem>
1748	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=CC(CN)=C3</chem>	1756	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=CC(CN)=C3</chem>
1749	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>	1757	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>
1750	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>	1758	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>
1751	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>	1759	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>
1752	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>	1760	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)C(C)N</chem>
1753	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C4(CCC4)N</chem>	1761	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)C4(CCC4)N</chem>
1754	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C4(COC4)N</chem>	1762	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC=C(C=C3)C4(COC4)N</chem>

FIGURE 3XX

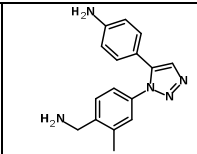
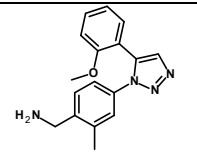
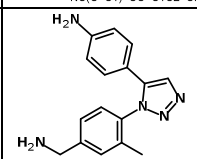
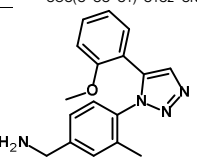
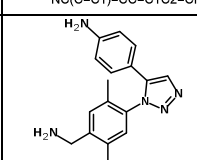
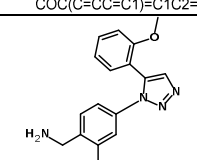
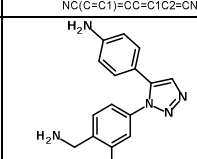
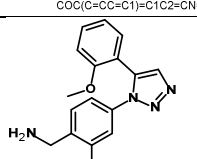
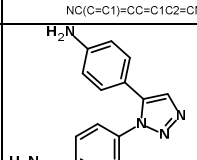
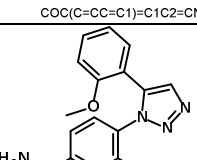
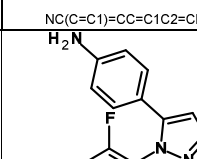
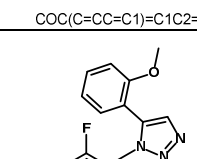
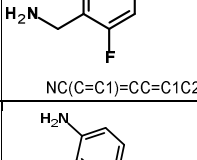
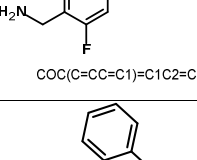
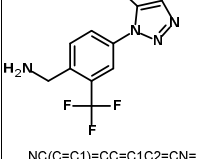
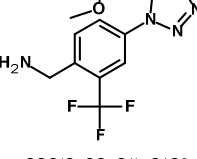
1763	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(C)=C(C=C3)CN</chem>	1771	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC(C)=C(C=C3)CN</chem>
1764	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(C(C)=C3)=CC=C3CN</chem>	1772	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(C(C)=C3)=CC=C3CN</chem>
1765	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(C)=C(C=C3)CN</chem>	1773	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC(C)=C(C=C3)CN</chem>
1766	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(F)=C(C=C3)CN</chem>	1774	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC(F)=C(C=C3)CN</chem>
1767	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(C(F)=C3)=CC=C3CN</chem>	1775	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(C(F)=C3)=CC=C3CN</chem>
1768	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(F)=C(C=C3)CN</chem>	1776	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC(F)=C(C=C3)CN</chem>
1769	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(C(F)(F)F)=C(C=C3)CN</chem>	1777	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC(C(F)(F)F)=C(C=C3)CN</chem>
1770	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(C(C(F)(F)F)=C3)=CC=C3CN</chem>	1778	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(C(C(F)(F)F)=C3)=CC=C3CN</chem>

FIGURE 3YY

1779	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1786	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>
1780	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1787	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>
1781	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1787	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>
1782	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1788	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>
1783	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1789	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>
1784	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1790	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>
1785	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>	1791	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(OC(F)(F)F)=C(C=C3)CN</chem>

FIGURE 3ZZ

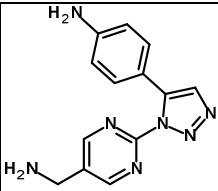
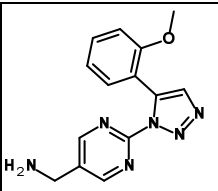
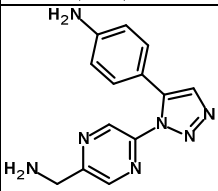
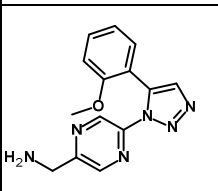
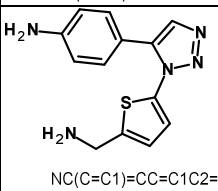
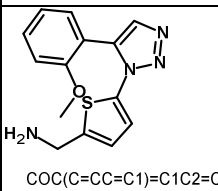
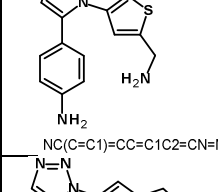
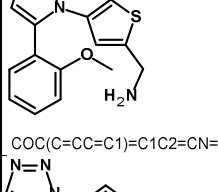
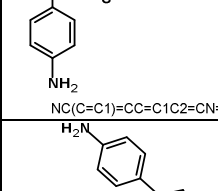
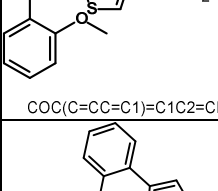
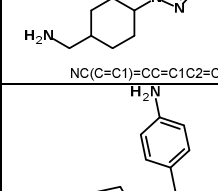
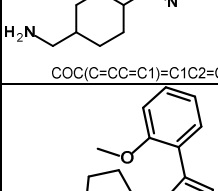
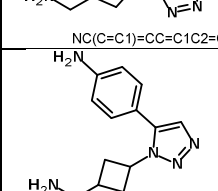
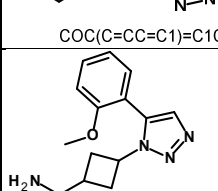
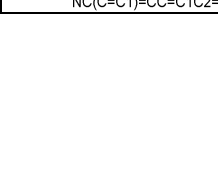
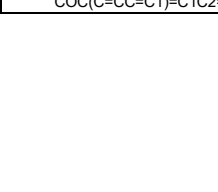
1792	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=NC=C(N)C=N3</chem>	1800	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=NC=C(N3)C=N3</chem>
1793	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(N=C3)=CN=C3</chem>	1801	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(N=C3)=CN=C3C=N3</chem>
1794	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(S3)=CC=C3C=N3</chem>	1802	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3C=N3</chem>
1795	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CSC(CN)=C3</chem>	1803	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CSC(CN)=C3</chem>
1796	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CC(CN)=CS3</chem>	1804	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=CC(CN)=CS3</chem>
1797	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3CCC(CC3)CN</chem>	1805	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3CCC(CC3)CN</chem>
1798	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3CC(CC3)CN</chem>	1806	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3CC(CC3)CN</chem>
1799	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3CC(CC3)CN</chem>	1807	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3CC(CC3)CN</chem>

FIGURE 3AAA

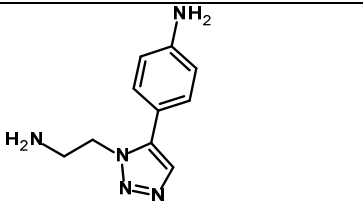
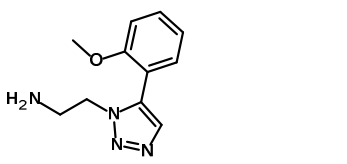
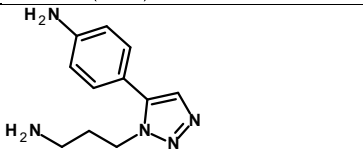
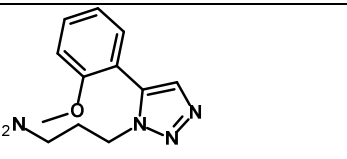
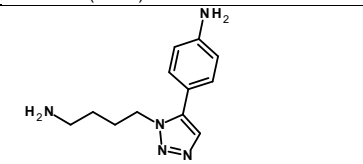
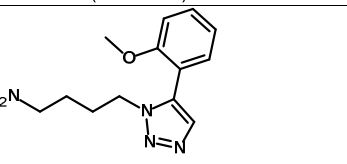
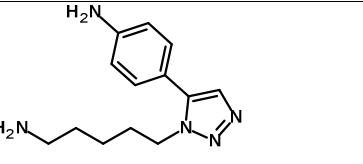
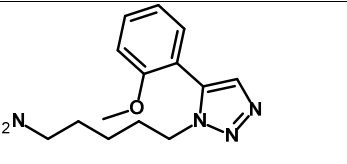
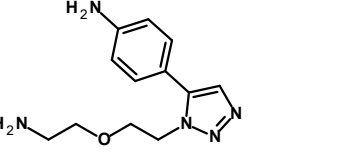
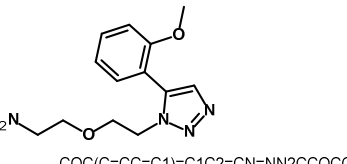
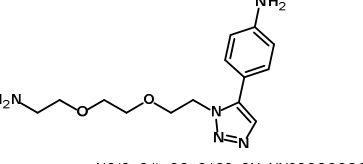
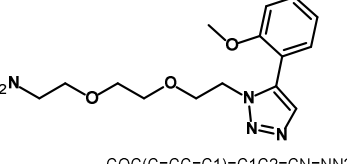
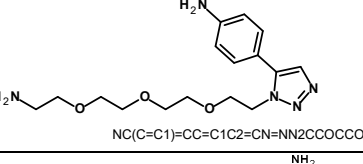
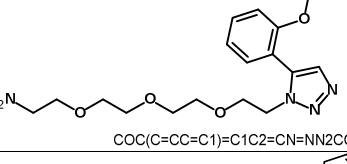
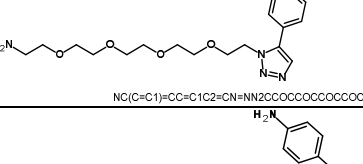
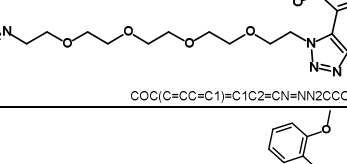
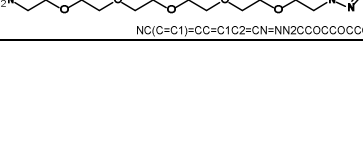
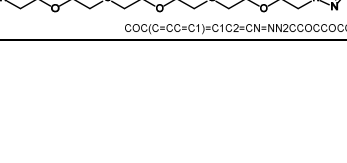
1808	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCN</chem>	1817	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCN</chem>
1809	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCN</chem>	1818	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCN</chem>
1810	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCN</chem>	1819	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCN</chem>
1811	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCCN</chem>	1820	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCCN</chem>
1812	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCCN</chem>	1821	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCCN</chem>
1813	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCCN</chem>	1822	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCCN</chem>
1814	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCCN</chem>	1823	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCCN</chem>
1815	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCCN</chem>	1824	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCCN</chem>
1816	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCCCCN</chem>	1825	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCCCCN</chem>

FIGURE 3BBB

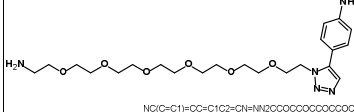
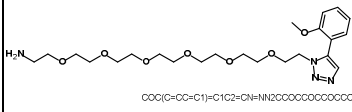
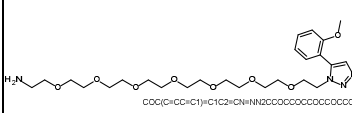
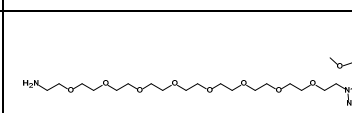
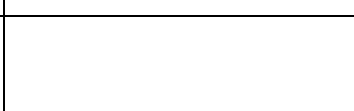
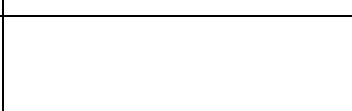
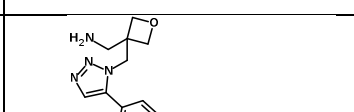
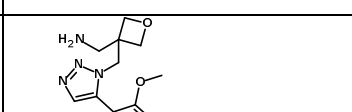
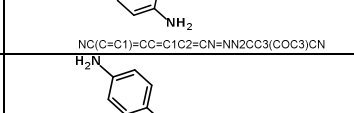
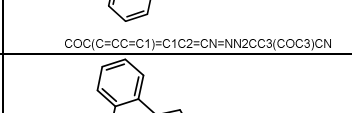
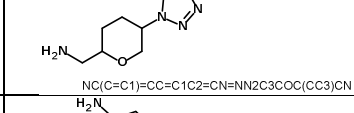
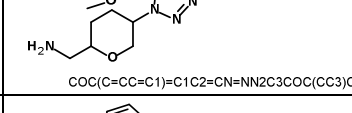
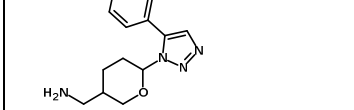
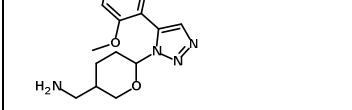
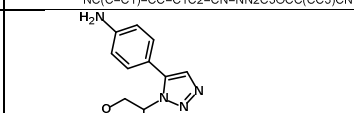
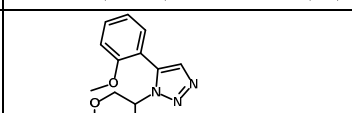
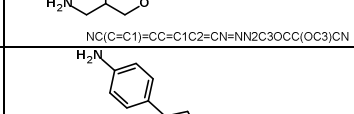
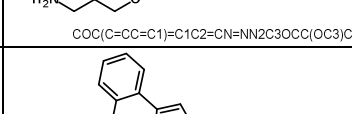
1826	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOCOCOCOCOC</chem>	1837	 <chem>COC(C=CC=C1)=C1C2=CN=NN2COCOCOCOCOCOCOCOCOCOC</chem>
1827	 <chem>NC(C=C1)=CC=C1C2=CN=NN2COCOCOCOCOCOCOCOCOCOC</chem>	1838	 <chem>COC(C=CC=C1)=C1C2=CN=NN2COCOCOCOCOCOCOCOCOCOC</chem>
1828		1839	 <chem>COC(C=CC=C1)=C1C2=CN=NN2COCOCOCOCOCOCOCOCOCOC</chem>
1829		1840	
1830	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CC3(COC3)CN</chem>	1841	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CC3(COC3)CN</chem>
1831	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3COC(C3)CN</chem>	1842	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3COC(C3)CN</chem>
1832	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3COC(C3)CN</chem>	1843	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3COC(C3)CN</chem>
1833	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3COC(C3)CN</chem>	1844	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3COC(C3)CN</chem>
1834	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3CCN(C3)CN</chem>	1845	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3CCN(C3)CN</chem>
1835	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3CC(C3)CN</chem>	1846	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3CC(C3)CN</chem>
1836	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3COC(C3)CN</chem>	1847	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3COC(C3)CN</chem>

FIGURE 3CCC

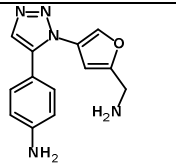
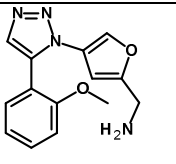
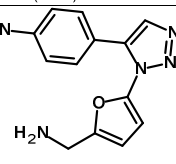
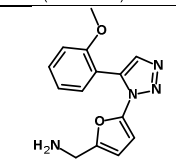
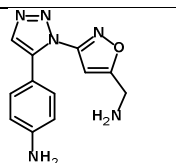
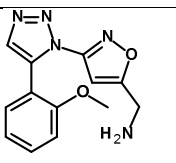
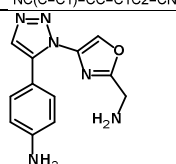
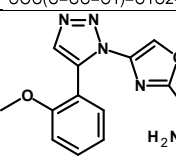
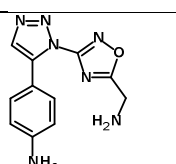
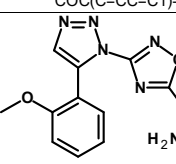
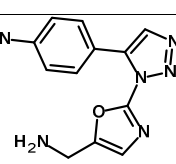
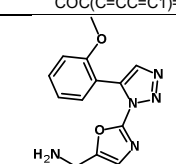
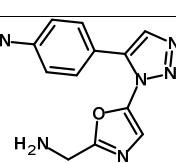
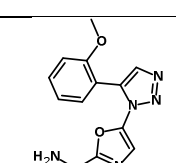
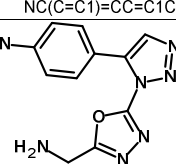
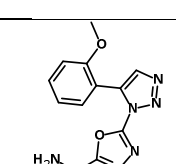
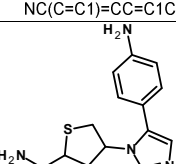
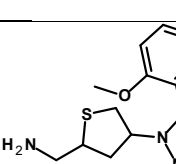
1848	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1857	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1849	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1858	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1850	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1859	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1851	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1860	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1852	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1861	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1853	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1862	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1854	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1863	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1855	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=COC(CN)=C3</chem>	1864	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3=COC(CN)=C3</chem>
1856	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3CC(SC3)CN</chem>	1865	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3CC(SC3)CN</chem>

FIGURE 3DDD

1866	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3SC(C3)CN</chem>	1875	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3SC(C3)</chem>
1867	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=CSC(CN)=C3</chem>	1876	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C3SC(C3)</chem>
1868	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>	1877	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>
1869	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C3=NSC(CN)=C3</chem>	1878	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>
1870	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>	1879	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>
1871	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>	1880	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>
1872	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>	1881	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>
1873	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(S3)=CC=C3C</chem>	1882	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=CC=C3CN</chem>
1874	 <chem>NC(C=C1)=CC=C1C2=CN=NN2C(S3)=NN=C3C</chem>	1883	 <chem>COC(C=CC=C1)=C1C2=CN=NN2C(S3)=NN=C3CN</chem>

FIGURE 3EEE

1884		1893	
1885		1894	
1886		1895	
1887		1896	
1888		1897	
1889		1898	
1890		1899	
1891		1900	
1892		1901	

FIGURE 3FFF

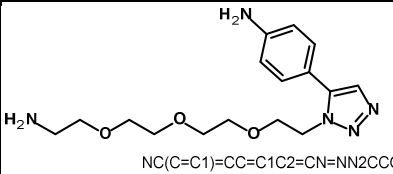
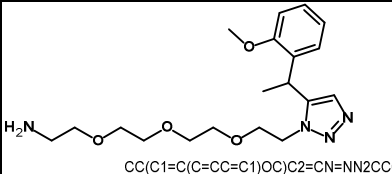
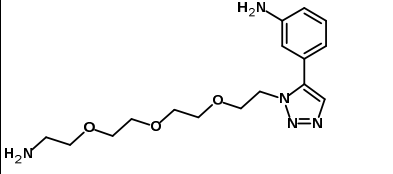
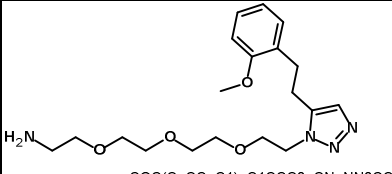
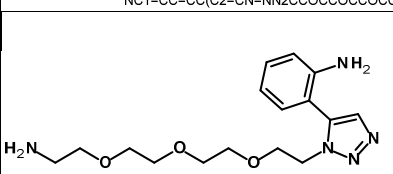
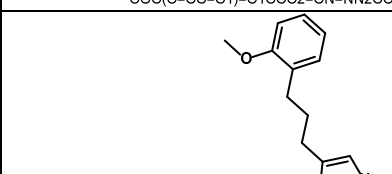
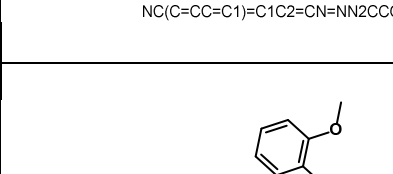
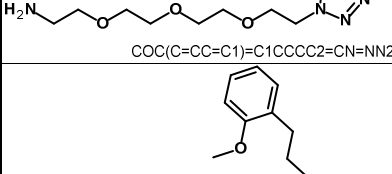
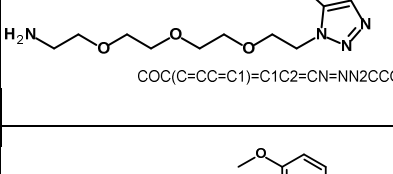
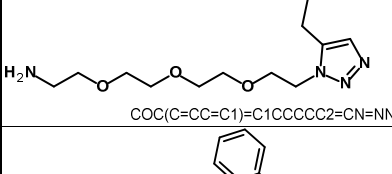
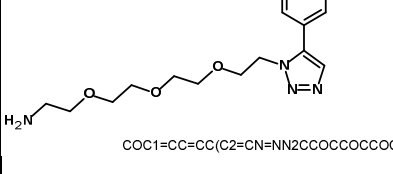
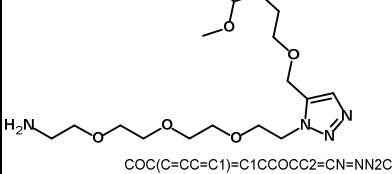
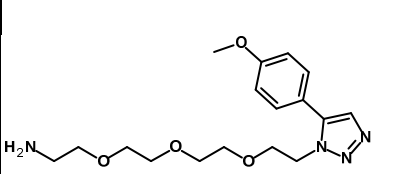
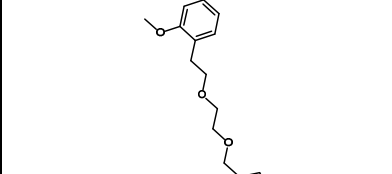
1902	 <chem>NC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCN</chem>	1909	 <chem>CC(C1=C(C=CC=C1)OC)C2=CN=NN2CCOCOCOCOCN</chem>
1903	 <chem>NC1=CC=CC(C2=CN=NN2CCOCOCOCOCN)=C1</chem>	1910	 <chem>COC(C=CC=C1)=C1CCC2=CN=NN2CCOCOCOCOCN</chem>
1904	 <chem>NC(C=CC=C1)=C1C2=CN=NN2CCOCOCOCOCN</chem>	1911	 <chem>COC(C=CC=C1)=C1CCCC2=CN=NN2CCOCOCOCOCN</chem>
1905	 <chem>COC(C=CC=C1)=C1C2=CN=NN2CCOCOCOCOCN</chem>	1912	 <chem>COC(C=CC=C1)=C1CCCCC2=CN=NN2CCOCOCOCOCN</chem>
1906	 <chem>COC1=CC=CC(C2=CN=NN2CCOCOCOCOCN)=C1</chem>	1913	 <chem>COC(C=CC=C1)=C1CCOCC2=CN=NN2CCOCOCOCOCN</chem>
1907	 <chem>COC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCN</chem>	1914	 <chem>COC(C=CC=C1)=C1CCOCCOCC2=CN=NN2CCOCOCOCOCN</chem>
1908	 <chem>OC(C=C1)=CC=C1C2=CN=NN2CCOCOCOCOCN</chem>	1915	 <chem>COC(C=CC=C1)=C1CCOCCOCCOCC2=CN=NN2CCOCOCOCOCN</chem>

FIGURE 3GGG

1916		1924	
1917		1925	
1918		1926	
1919		1927	
1920		1928	
1921		1929	
1922		1930	
1923		1931	

FIGURE 3HHH

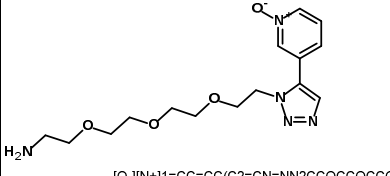
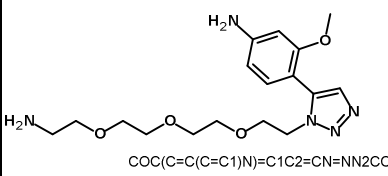
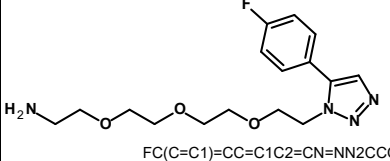
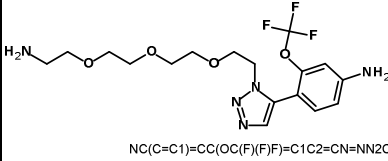
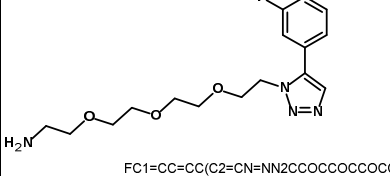
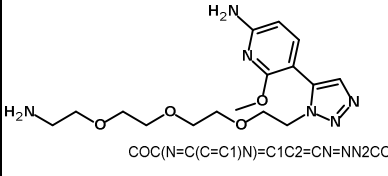
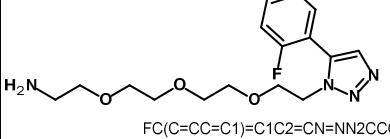
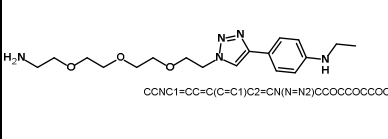
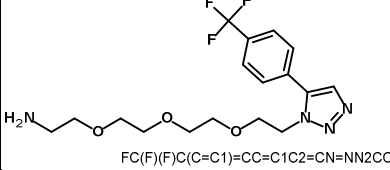
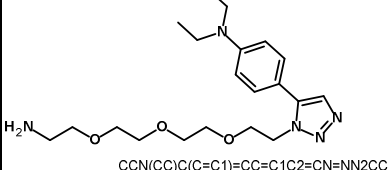
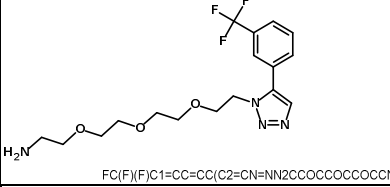
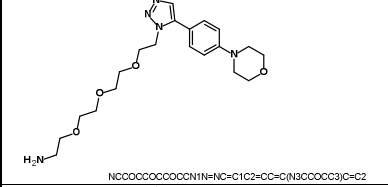
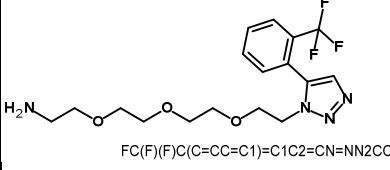
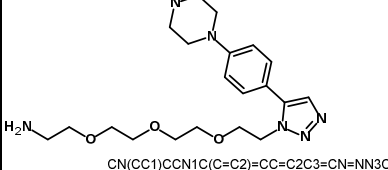
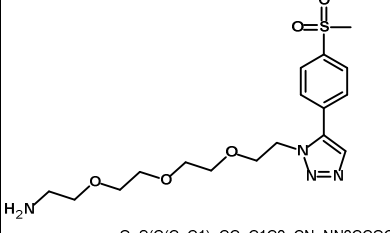
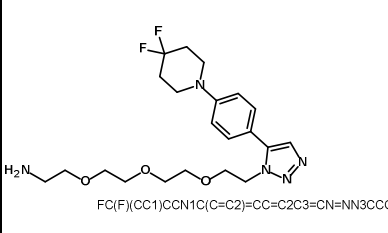
1932	 <chem>[O-][N+](C1=CC=CC2=C1N=NN2COCOCOCOC)C1=CC=C(C=C1)N</chem>	1940	 <chem>COC(C=C(C=C1N)=C1C2=CN=NN2COC)C1=CC=C(C=C1)N</chem>
1933	 <chem>FC(C=C1)=CC=C1C2=CN=NN2COC</chem>	1941	 <chem>NC(C=C1)=CC(OC(F)F)F=C1C2=CN=NN2COC</chem>
1934	 <chem>FC1=CC=CC2=C1N=NN2COCOCOCOCOC</chem>	1942	 <chem>COC(N=C(C=C1N)=C1C2=CN=NN2COC)C1=CC=C(C=C1)N</chem>
1935	 <chem>FC(C=CC=C1)=C1C2=CN=NN2COC</chem>	1943	 <chem>CCNC1=CC=C(C=C1)C2=CN(N=N2)CCOCOCOCOCOC</chem>
1936	 <chem>FC(F)F(C=C1)=CC=C1C2=CN=NN2COC</chem>	1944	 <chem>CCN(CC)C(C=C1)=CC=C1C2=CN=NN2COC</chem>
1937	 <chem>FC(F)F(C1=CC=CC2=C1N=NN2COCOCOCOCOC)C1=CC=C(C=C1)N</chem>	1945	 <chem>NCOCOCOCOCOCOC1N=NC=C1C2=CC=C(N3COCOC3)C=C2</chem>
1938	 <chem>FC(F)F(C(C=CC=C1)=C1C2=CN=NN2COC)C1=CC=C(C=C1)N</chem>	1946	 <chem>CN(CC1)CCN1C(C=C2)=CC=C2C3=CN=NN3COC</chem>
1939	 <chem>O=S(C(C=C1)=CC=C1C2=CN=NN2COCOC)C1=CC=C(C=C1)N</chem>	1947	 <chem>FC(F)(CC1)CCN1C(C=C2)=CC=C2C3=CN=NN3COC</chem>

FIGURE 3III

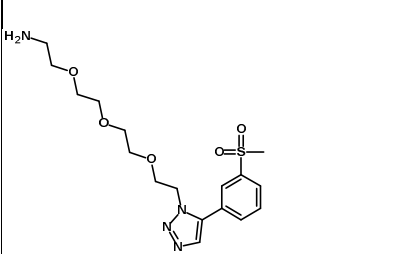
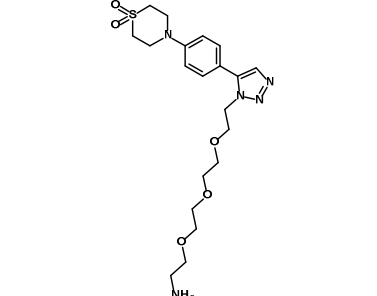
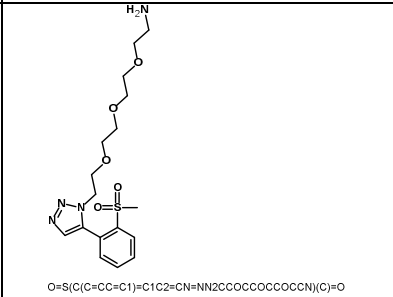
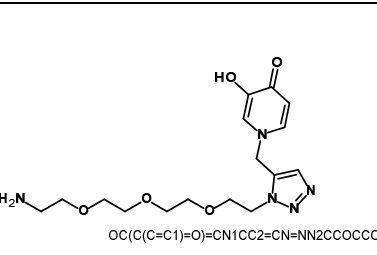
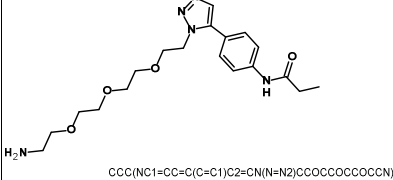
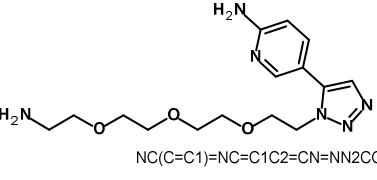
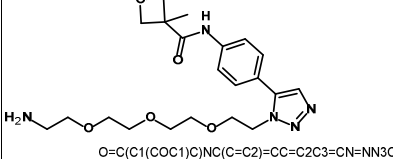
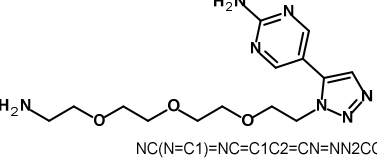
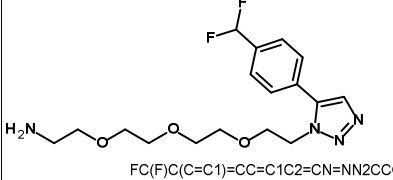
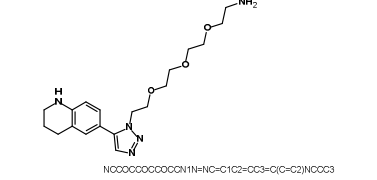
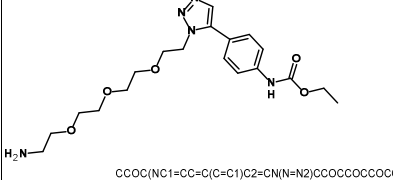
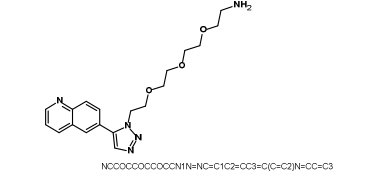
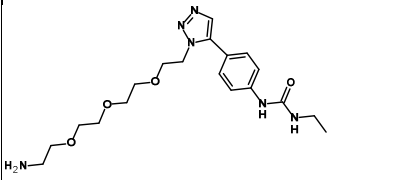
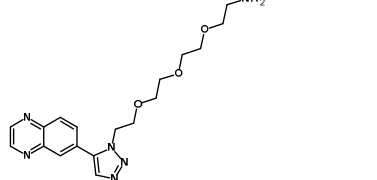
1948	 <chem>O=S(C1=CC=CC(C2=CN=NN2CCOCCOCCOCCN)=C1)(C</chem>	1955	 <chem>NH2</chem>
1949	 <chem>O=S(C(C=C=C(C1)=C1C2=CN=NN2CCOCCOCCOCCN)(C)=O</chem>	1956	 <chem>OC(C(C=O)=O)=CN1CC2=CN=NN2CCOCCOC</chem>
1950	 <chem>CCC(NC1=CC=C(C(C=C1)C2=CN(N=N2)CCOCCOCCOCCN)(C</chem>	1957	 <chem>NC(C=C1)=NC=C1C2=CN=NN2CCC</chem>
1951	 <chem>O=C(C1(COC1C)NC(C=C2)=CC=C2C3=CN=NN3C</chem>	1958	 <chem>NC(N=C1)=NC=C1C2=CN=NN2CCC</chem>
1952	 <chem>FC(F)C(C=C1)=CC=C1C2=CN=NN2CCC</chem>	1959	 <chem>NCOCOCOCOCOCN1N=NC=C1C2=CC3=C(C=C2)NCCC3</chem>
1953	 <chem>CCOC(NC1=CC=C(C(C=C1)C2=CN(N=N2)CCOCCOCCOCC</chem>	1960	 <chem>NCOCOCOCOCOCN1N=NC=C1C2=CC3=C(C=C2)N=CC=C3</chem>
1954	 <chem>CCNC(NC1=CC=C(C(C=C1)C2=CN(N=N2)CCOCCOCCOCC</chem>	1961	 <chem>NCOCOCOCOCOCN1N=NC=C1C2=CC3=C(C=C2)N=CC=N3</chem>

FIGURE 3JJJ

1962	 O=S(NC(C=C1)=CC=C1C2=CN=NN2COCCOCCOCCN)(CC)=O	1968	 NCCOCCOCCOCCCN1N=NC=C1C2=CC3=C(C=C2)N
1963	 H ₂ NCH ₂ OCH ₂ CH ₂ OCH ₂ CH ₂ OCH ₂ CH ₂ CH ₂ N1N=N1	1969	 O=C(N1)CNC(C=C2)=C1C=C2C3=CN=NN3CC
1964	 O=C(CC1)NC(C=C2)=C1C=C2C3=CN=NN3CC	1970	 O=C(CN1)NC(C=C2)=C1C=C2C3=CN=NN3CC
1965	 O=C(OC1)NC(C=C2)=C1C=C2C3=CN=NN3CC	1971	 NCCOCCOCCOCCCN1N=NC=C1C2=CC=CO2
1966	 O=C(NC1)NC(C=C2)=C1C=C2C3=CN=NN3CC	1972	 NCCOCCOCCOCCCN1N=NC=C1C2=CC=CS2
1967	 O=C(N(C1)CC)NC(C=C2)=C1C=C2C3=CN=NN3CC	1973	 NCCOCCOCCOCCCN1N=NC=C1C2=COC=CS2

FIGURE 3KKK

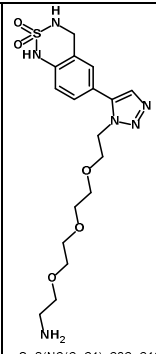
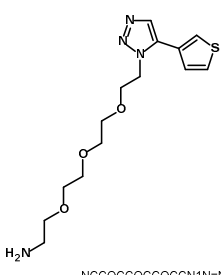
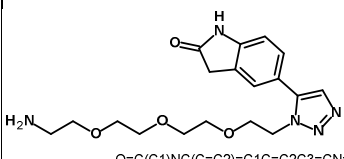
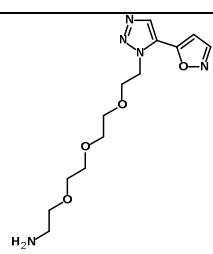
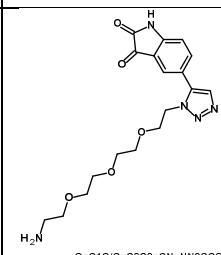
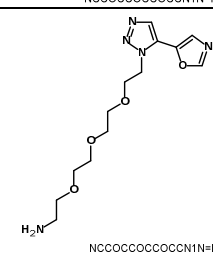
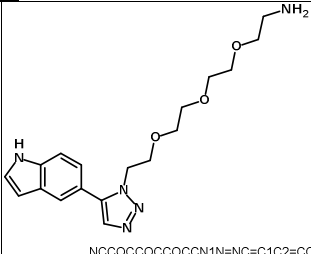
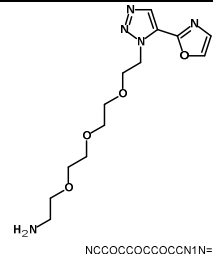
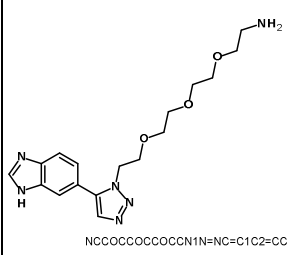
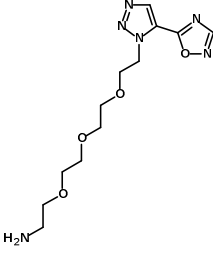
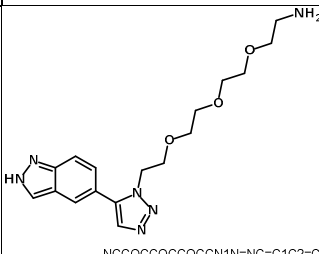
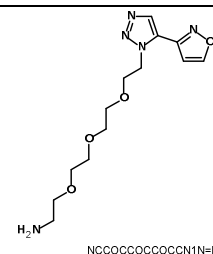
1974	 <chem>O=S(=O)(NC(C=C1)=C2C=C1C3=CN=NN3COCOCOCOCOCN)(NC2)=O</chem>	1980	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=CSC=C2</chem>
1975	 <chem>O=C(C1)NC(C=C2)=C1C=C2C3=CN=NN3CC</chem>	1981	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=CC=NO2</chem>
1976	 <chem>O=C1C(C=C2C3=CN=NN3COCOCOCOCOCN)=C(C=C2)NC1=O</chem>	1982	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=CN=CO2</chem>
1977	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=CC3=C(C=C2)NC</chem>	1983	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=NC=CO2</chem>
1978	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=CC3=C(C=C2)NC=N3</chem>	1984	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=NC=NO2</chem>
1979	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=CC3=C(C=C2)N</chem>	1985	 <chem>NCCOCCOCCOCCOCCN1N=NC=C1C2=NOC=C2</chem>

FIGURE 3LLL

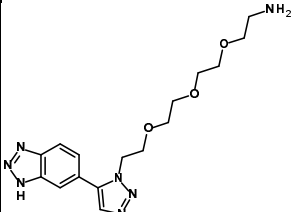
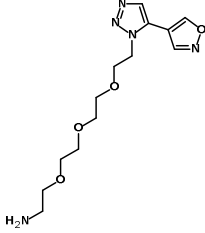
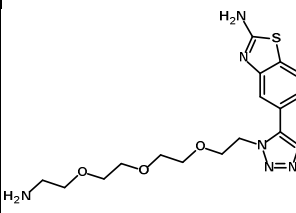
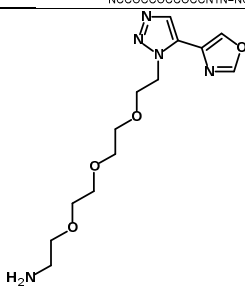
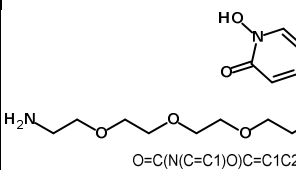
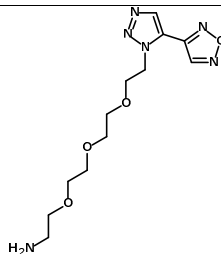
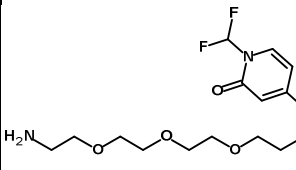
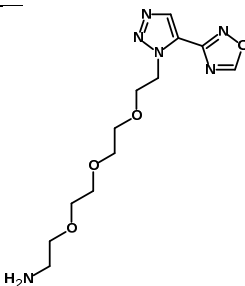
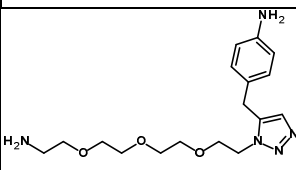
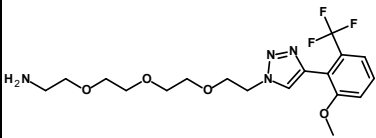
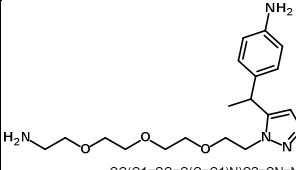
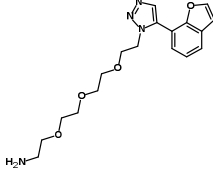
1986	 <chem>NCCOCCOCCOCCN1N=NC=C1C2=CC3=C(C=C2)NN=N3</chem>	1992	 <chem>NCCOCCOCCOCCN1N=NC=C1C2=CON=C2</chem>
1987	 <chem>NC1=NC2=C(S1)C=CC(C3=CN=NN3COCOCOCOC)N2</chem>	1993	 <chem>NCCOCCOCCOCCN1N=NC=C1C2=COC=N2</chem>
1988	 <chem>O=C(N(C=C1)O)C=C1C2=CN=NN2CCC</chem>	1994	 <chem>NCCOCCOCCOCCN1N=NC=C1C2=NON=C2</chem>
1989	 <chem>O=C(N(C=C1)C(F)F)C=C1C2=CN=NN2CCC</chem>	1995	 <chem>NCCOCCOCCOCCN1N=NC=C1C2=NOC=N2</chem>
1990	 <chem>NC(C=C1)=CC=C1CC2=CN=NN2COCOCOCOCN</chem>	1996	 <chem>COC1=C(C(C(F)F)F)F=CC=C1C2=CN(N=N2)C</chem>
1991	 <chem>CC(C1=CC=C(C=C1)N)C2=CN=NN2COCOCOCOC</chem>	1997	 <chem>NCCOCCOCCOCCN1N=NC=C1C2=C3C(C=CC3)=CC=C2</chem>

FIGURE 3MMM

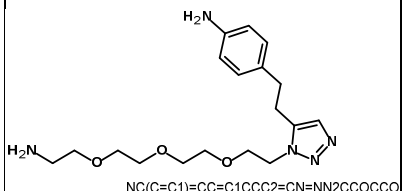
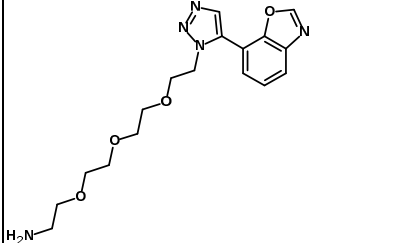
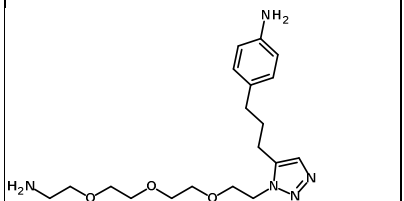
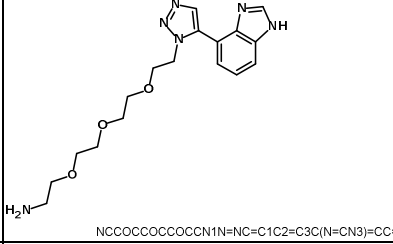
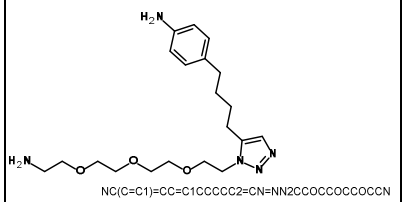
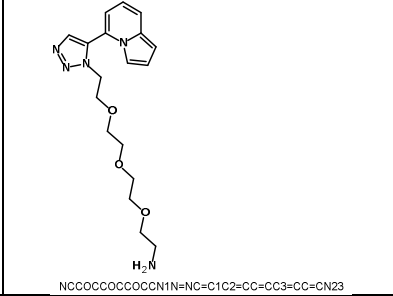
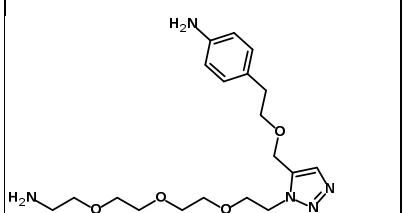
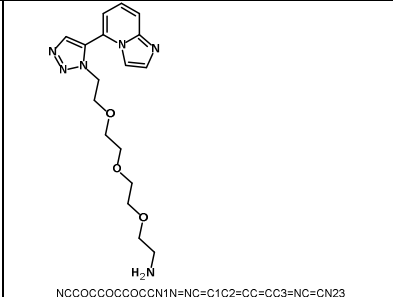
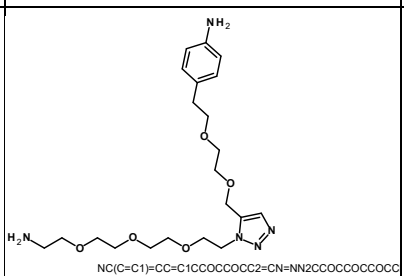
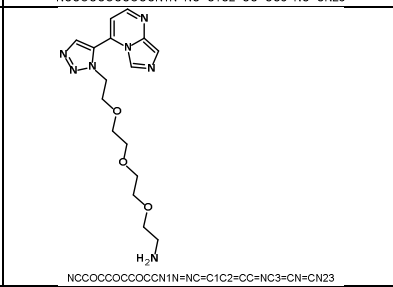
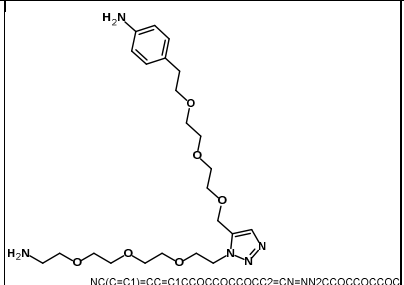
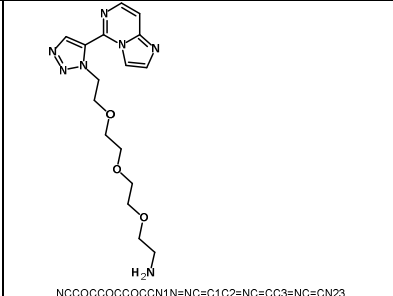
1998	 NC(C=C1)=CC=C1CCC2=CN=NN2CCOCCO	2004	 NCCOCCOCCOCCCN1N=NC=C1C2=C3C(N=CO
1999	 NC(C=C1)=CC=C1CCCC2=CN=NN2CCOCCOCCO	2005	 NCCOCCOCCOCCCN1N=NC=C1C2=C3C(N=CN3)=CC=
2000	 NC(C=C1)=CC=C1CCCC2=CN=NN2CCOCCOCCOCCN	2006	 NCCOCCOCCOCCCN1N=NC=C1C2=CC=CC3=CC=CN23
2001	 NC(C=C1)=CC=C1CCOCC2=CN=NN2CCOCCO	2007	 NCCOCCOCCOCCCN1N=NC=C1C2=CC=CC3=CC=CN23
2002	 NC(C=C1)=CC=C1CCOCCOCCOCC2=CN=NN2CCOCCOCCOCCO	2008	 NCCOCCOCCOCCCN1N=NC=C1C2=CC=CC3=CC=CN23
2003	 NC(C=C1)=CC=C1CCOCCOCCOCCOCC2=CN=NN2CCOCCOCCOCCO	2009	 NCCOCCOCCOCCCN1N=NC=C1C2=CC=CC3=CC=CN23

FIGURE 3NNN

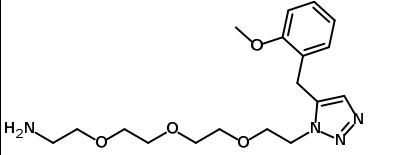
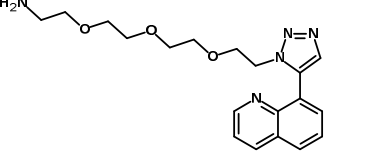
2010	 <chem>COC(C=CC=C1)=C1CC2=CN=NN2CCOCCOCCOCCOCCN</chem>	2011	
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FIGURE 4A

2012		2020	
2013		2021	
2014		2022	
2015		2023	
2016		2024	
2017		2025	
2018		2026	
2019		2027	

FIGURE 4B

2028		2036	
2029		2037	
2030		2038	
2031		2039	
2032		2040	
2033		2041	
2034		2042	
2035		2043	

FIGURE 4C

2044		2052	
2045		2053	
2046		2054	
2047		2055	
2048		2056	
2049		2057	
2050		2058	
2051		2059	

FIGURE 4D

2060		2068	
2061		2069	
2062		2070	
2063		2071	
2064		2072	
2065		2073	
2066		2074	
2067		2075	

FIGURE 4E

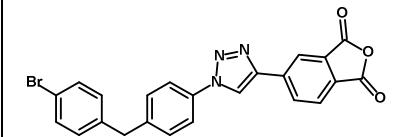
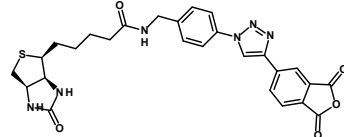
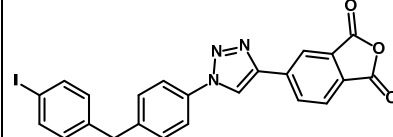
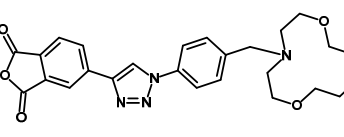
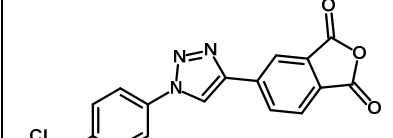
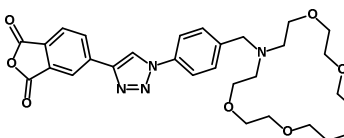
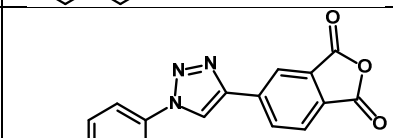
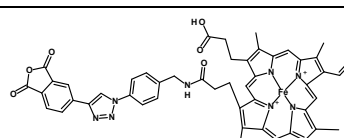
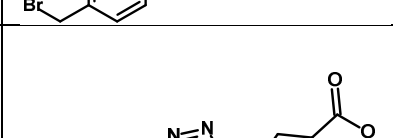
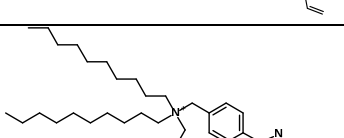
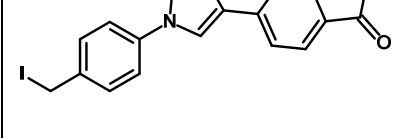
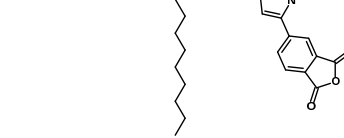
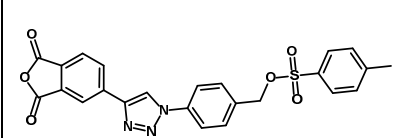
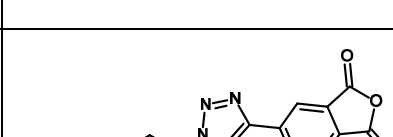
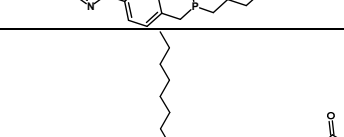
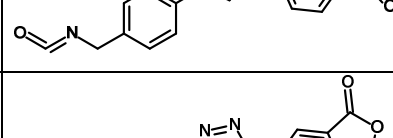
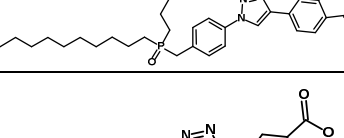
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2077		2086	
2078		2087	
2079		2088	
2080		2089	
2081		2090	
2082		2091	
2083		2092	
2084		2093	

FIGURE 4F

2094		2103	
2095		2104	
2096		2105	
2097		2106	
2098		2107	
2099		2108	
2100		2109	
2101		2110	
2102		2111	

FIGURE 4G

2112		2121	
2113		2122	
2114		2123	
2115		2124	
2116		2125	
2117		2126	
2118		2127	
2119		2128	
2120		2129	

FIGURE 4H

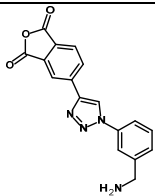
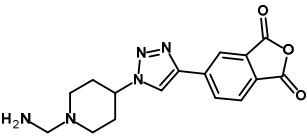
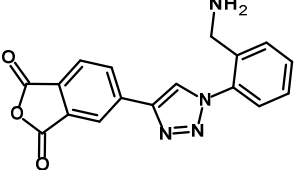
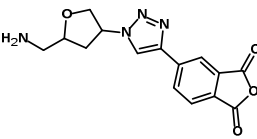
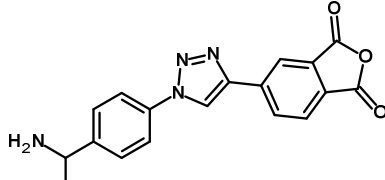
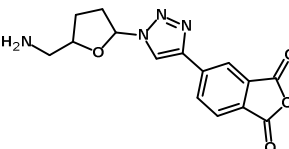
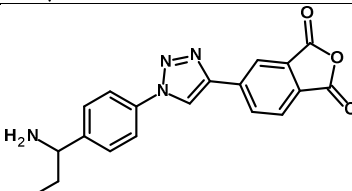
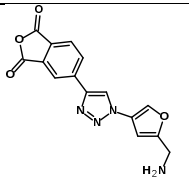
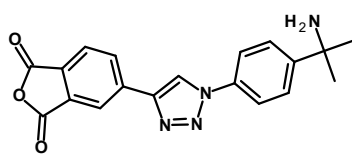
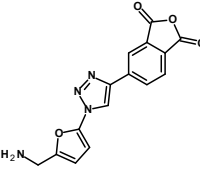
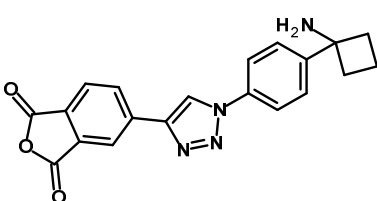
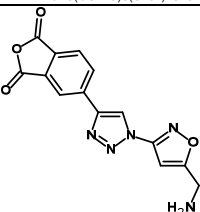
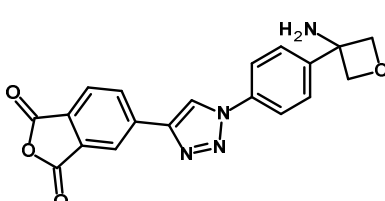
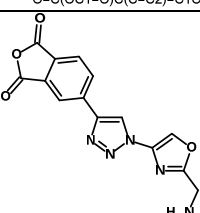
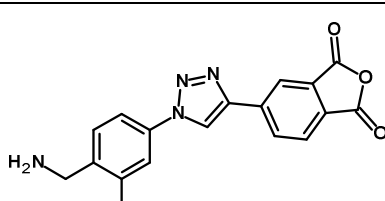
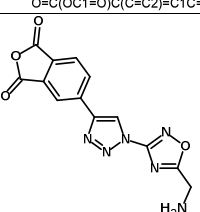
2130		2138	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N</chem>
2131		2139	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4C</chem>
2132		2140	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N</chem>
2133		2141	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=COC(CN)=C4</chem>
2134		2142	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(O4)=CC=C4C</chem>
2135		2143	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=NOC(C</chem>
2136		2144	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=COC(C</chem>
2137		2145	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=NOC(CN</chem>

FIGURE 4I

2146		2154	
2147		2155	
2148		2156	
2149		2157	
2150		2158	
2151		2159	
2152		2160	
2153		2166	

FIGURE 4J

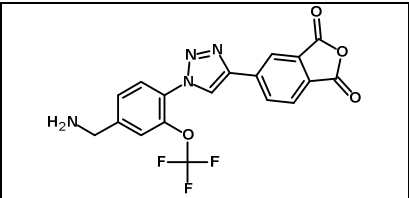
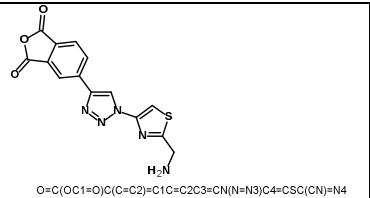
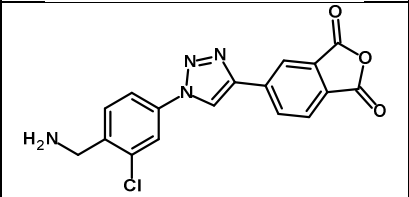
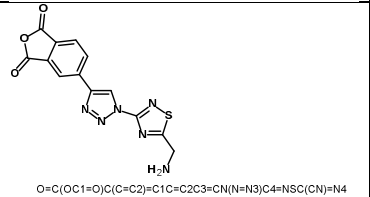
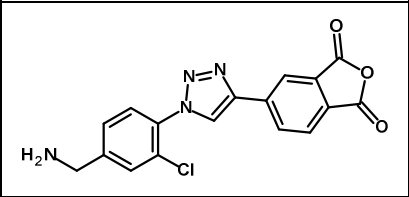
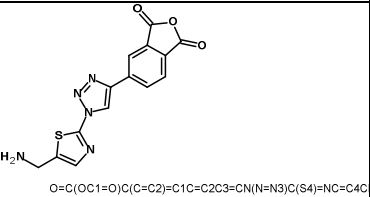
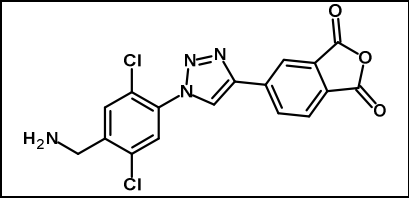
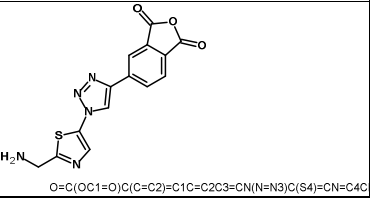
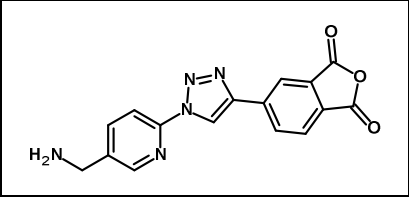
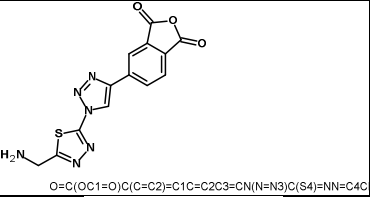
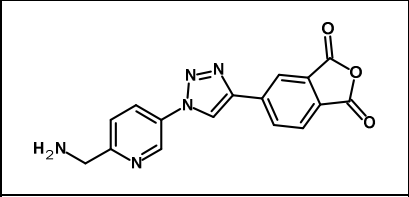
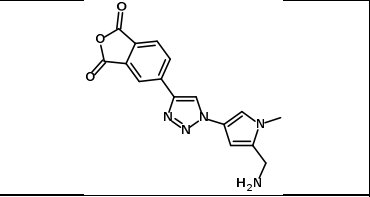
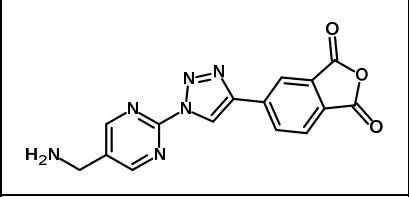
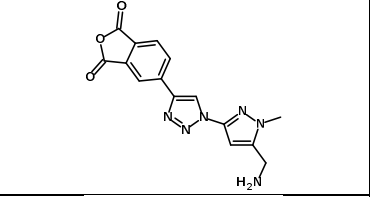
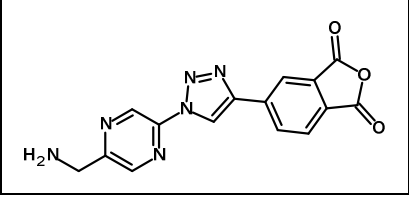
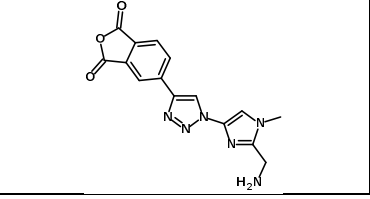
2167		2175	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=CSC(CN)=N4</chem>
2168		2176	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=NSC(CN)=N4</chem>
2169		2177	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(S4)=NC=C4C</chem>
2170		2178	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(S4)=CN=C4C</chem>
2171		2179	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(S4)=NN=C4C</chem>
2172		2180	
2173		2181	
2174		2182	

FIGURE 4K

2183	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(S4)=CC=C4CN</chem>	2191	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(N4C)=CC=C4</chem>
2184	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=CC(CN)=C4</chem>	2192	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(N4C)=CC=C4</chem>
2185	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=CC(CN)=C4</chem>	2193	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(N4C)=CC=C4</chem>
2186	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=CC(CN)=C4</chem>	2194	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(N4C)=CC=C4</chem>
2187	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C4=CC(CN)=C4</chem>	2195	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN(N=N3)C(N4C)=CC=C4</chem>
2188	 <chem>CCNC(C1=CC=CC(C2=CN=NN2C3=CC=C(C(C3)CN)=C3)=C1</chem>	2196	 <chem>CCNC(C1=CC=CC(C2=CN=NN2C3=CC=C(C(C3)CN)=C3)=C1</chem>
2189	 <chem>CCNC(C1=CC=CC(C2=CN=NN2C3=CC=C(C(C3)CN)=C3)=C1</chem>	2197	 <chem>CCNC(C1=CC=CC(C2=CN=NN2C3=CC=C(C(C3)CN)=C3)=C1</chem>
2190	 <chem>CCNC(C1=CC=CC(C2=CN=NN2C3=CC=C(C(C3)CN)=C3)=C1</chem>	2198	 <chem>CCNC(C1=CC=CC(C2=CN=NN2C3=CC=C(C(C3)CN)=C3)=C1</chem>

FIGURE 4L

2199		2207	
2200		2208	
2201		2209	
2202		2210	
2203		2211	
2204		2212	
2205		2213	
2206		2214	

FIGURE 4M

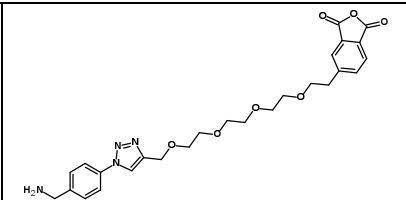
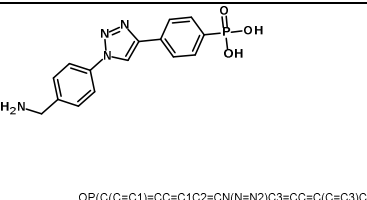
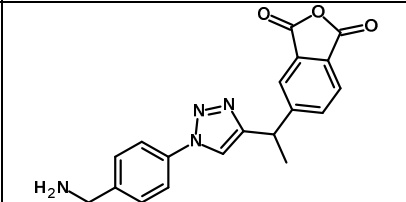
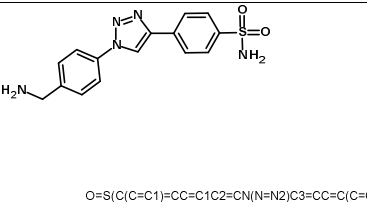
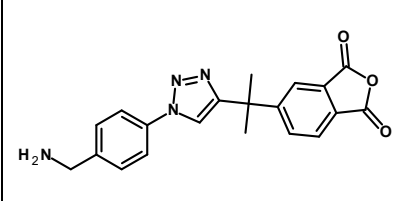
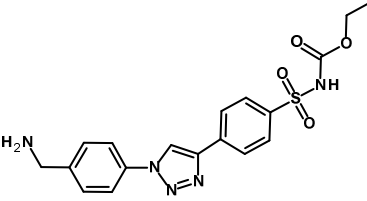
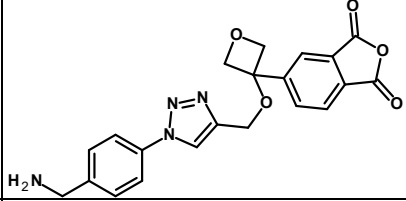
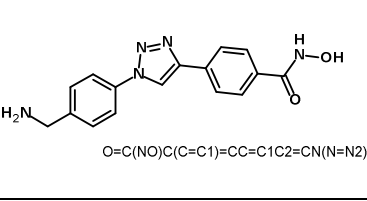
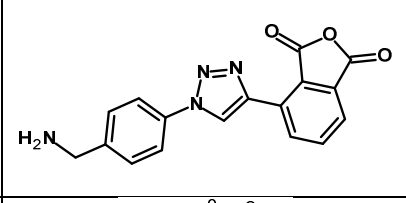
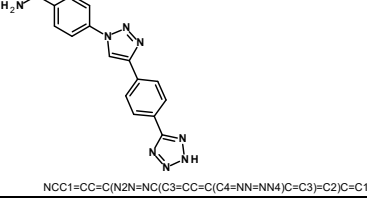
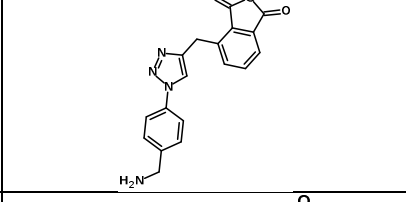
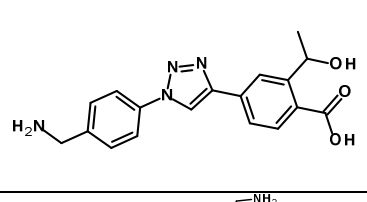
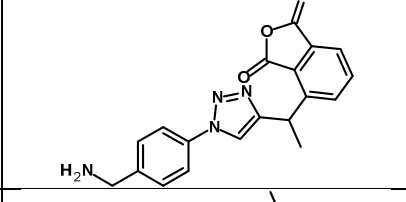
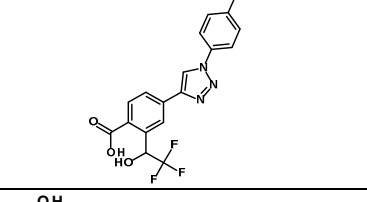
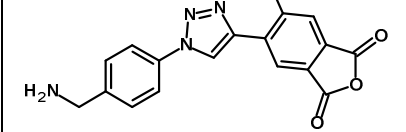
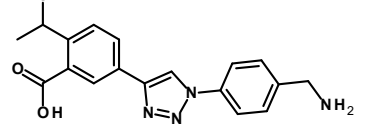
2215		2223	 <chem>OP(C(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C(=C3)C</chem>
2216		2224	 <chem>O=S(C(C=C1)=CC=C1C2=CN(N=N2)C3=CC=C(C(=C3)C</chem>
2217		2225	
2218		2226	 <chem>O=C(NO)C(C=C1)=CC=C1C2=CN(N=N2)</chem>
2219		2227	 <chem>NCC1=CC=C(N2N=NC(C3=CC=C(C(=C3)C=C2)C=C1</chem>
2220		2228	
2221		2229	
2222		2230	

FIGURE 4N

2231		2240	
2232		2241	
2233		2242	
2234		2243	
2235		2244	
2236		2245	
2237		2246	
2238		2247	
2239		2248	

FIGURE 40

2249		2258	
2250		2259	
2251		2260	
2252		2261	
2253		2262	
2254		2263	
2255		2264	
2256		2265	
2257		2266	

FIGURE 4P

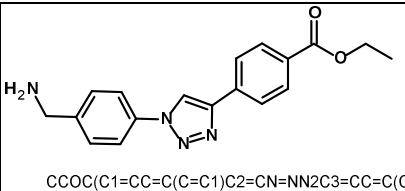
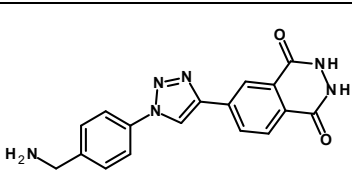
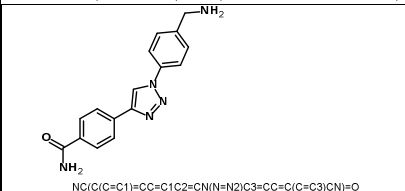
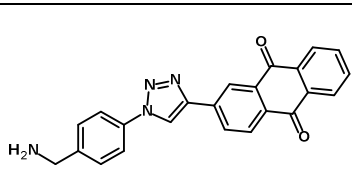
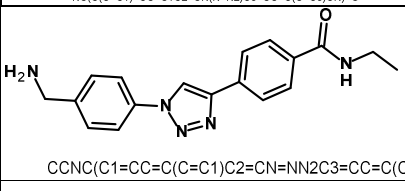
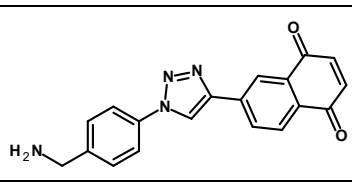
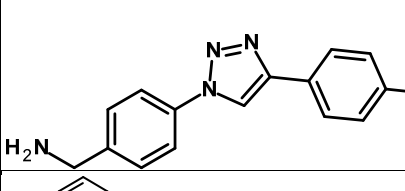
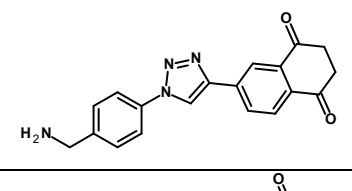
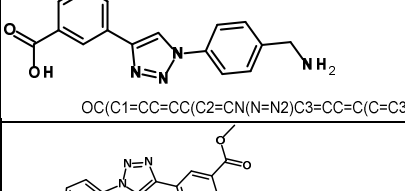
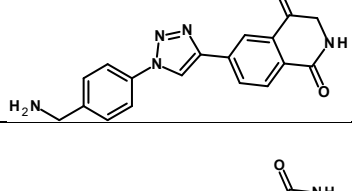
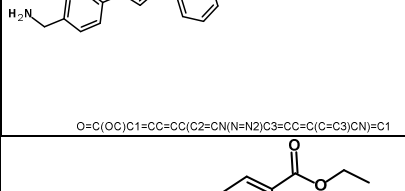
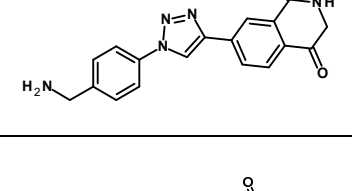
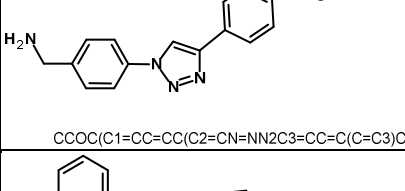
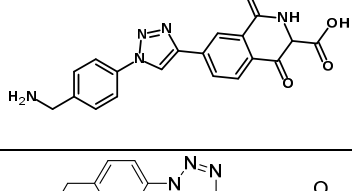
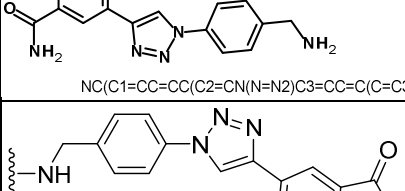
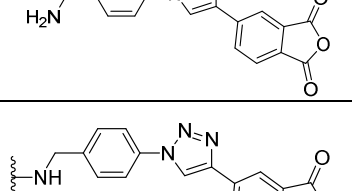
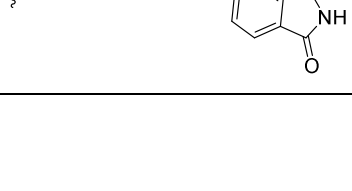
2267	 <chem>CCOC(C1=CC=C(C=C1)C2=CN=NN2C3=CC=C(C=C3)CN)C(=O)OCC</chem>	2276	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2268	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>	2277	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2269	 <chem>CCNC(C1=CC=C(C=C1)C2=CN=NN2C3=CC=C(C=C3)CN)C(=O)OCC</chem>	2278	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2270	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>	2279	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2271	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>	2280	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2272	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>	2281	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2273	 <chem>CCOC(C1=CC=C(C=C1)C2=CN=NN2C3=CC=C(C=C3)CN)C(=O)OCC</chem>	2282	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2274	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>	2283	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>
2275	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>	2284	 <chem>Nc1ccc(cc1)n2nc3cc(ccc3n2)C(=O)N</chem>

FIGURE 4Q

2285		2293	
2286	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)CN</chem>	2294	
2287	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)C</chem>	2295	
2288		2296	
2289		2297	
2290	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)CO</chem>	2298	
2291	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)CS</chem>	2299	
2292		2300	

FIGURE 4R

2301		2309	
2302		2310	
2303		2311	
2304		2312	
2305		2313	
2306		2314	
2307		2315	
2308		2316	

FIGURE 4S

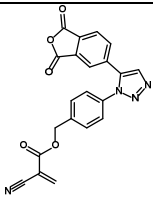
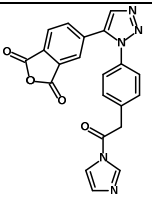
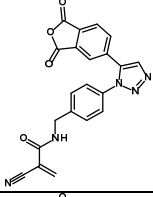
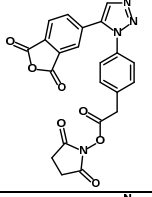
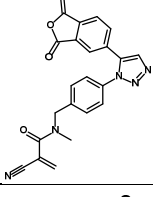
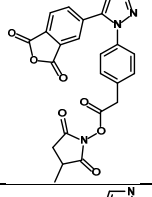
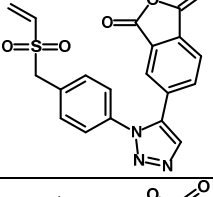
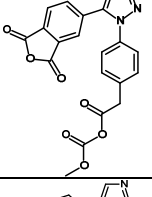
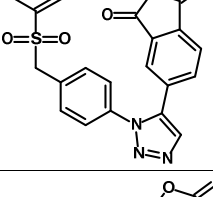
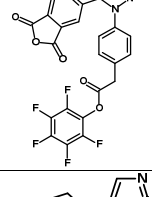
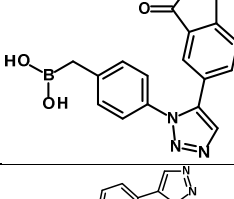
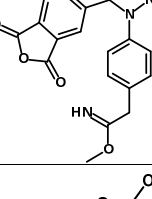
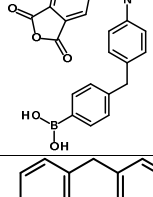
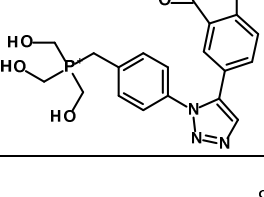
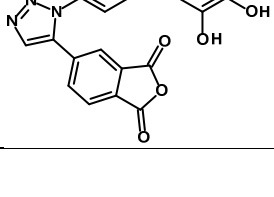
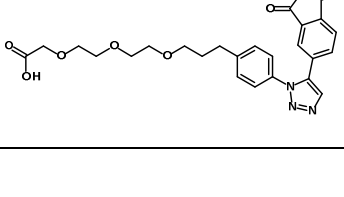
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2319		2327	
2320		2328	
2321		2329	
2322		2330	
2323		2331	
2324		2332	

FIGURE 4T

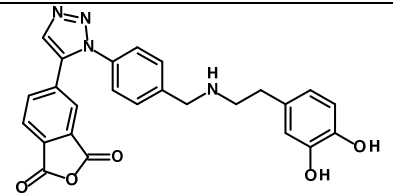
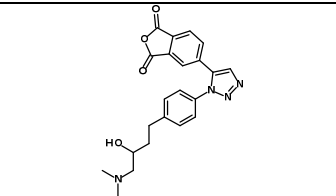
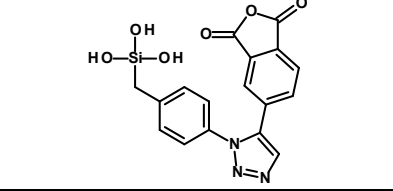
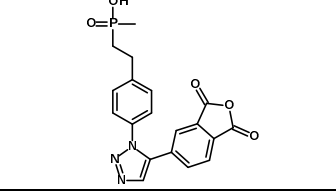
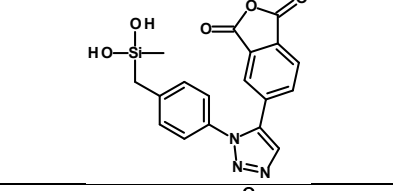
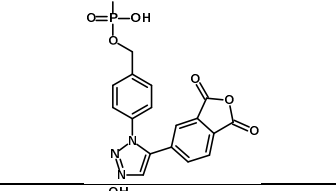
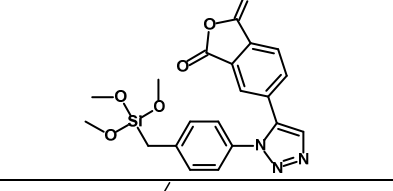
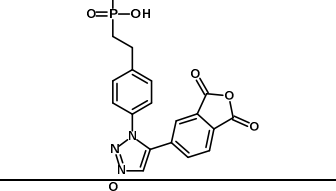
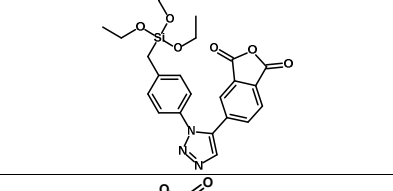
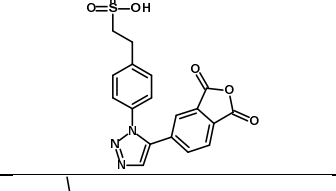
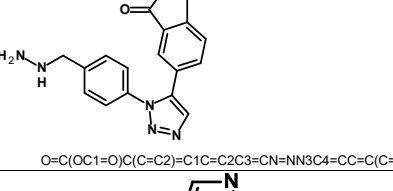
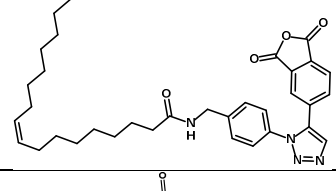
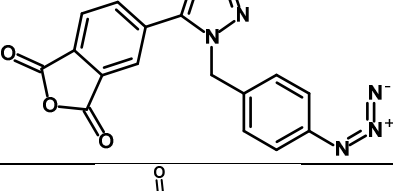
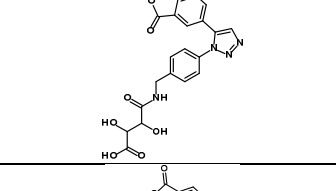
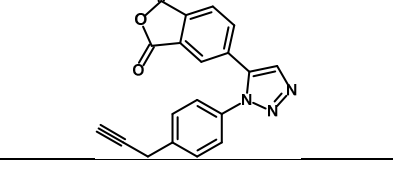
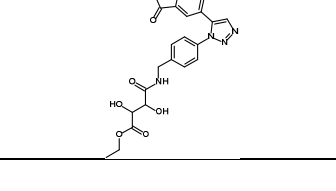
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2334		2342	
2335		2343	
2336		2344	
2337		2345	
2338	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)N</chem>	2346	
2339		2347	
2340		2348	

FIGURE 4U

2349		2356	
2350		2357	
2351		2358	
2352		2359	
2353	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C(=C4)Cl)Cl</chem>	2360	
2354	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C(=C4)CBr)Br</chem>	2361	
2355	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C(=C4)Cl)Cl</chem>	2362	

FIGURE 4V

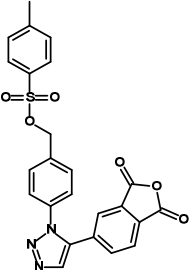
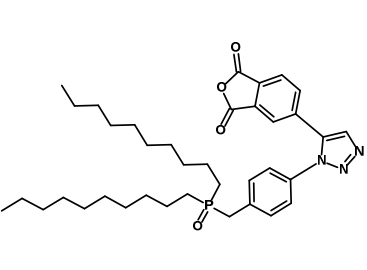
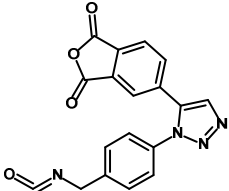
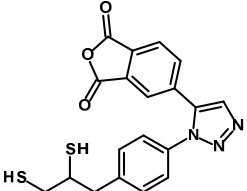
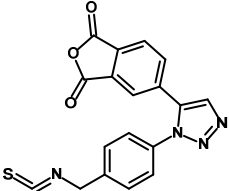
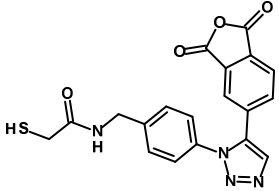
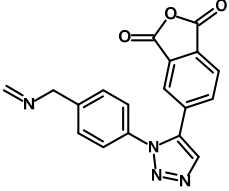
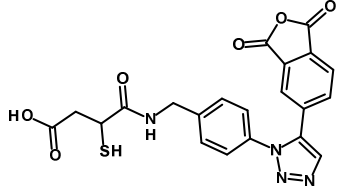
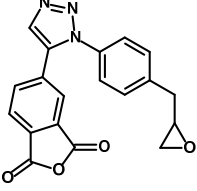
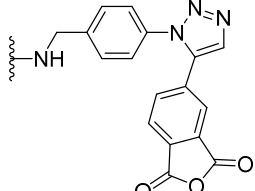
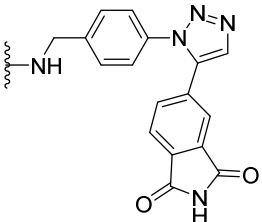
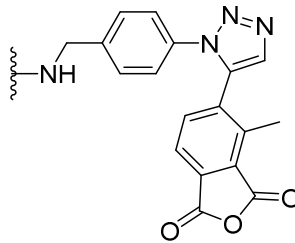
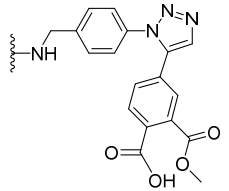
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2366		2373	
2367		2374	
2368		2375	
2369			

FIGURE 4W

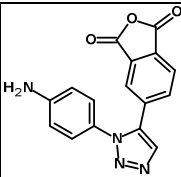
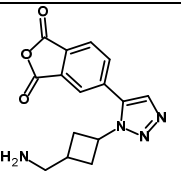
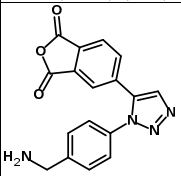
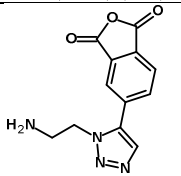
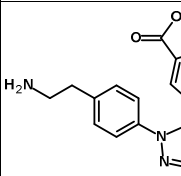
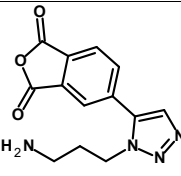
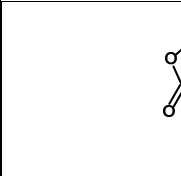
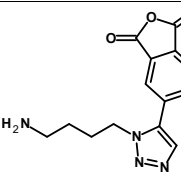
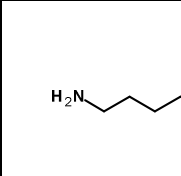
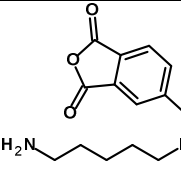
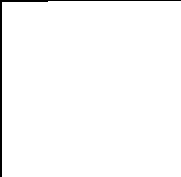
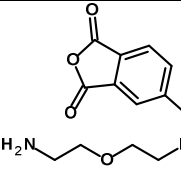
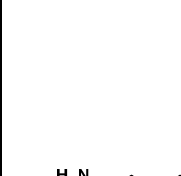
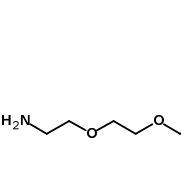
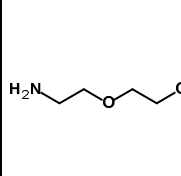
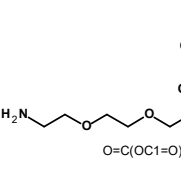
2376	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)N</chem>	2384	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4CC(C4)N</chem>
2377	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)N</chem>	2385	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3CCN</chem>
2378	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(C4=CC=C(C=C4)N)</chem>	2386	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>
2379	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(C4=CC=C(C=C4)N)</chem>	2387	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3CCCC</chem>
2380	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(C4=CC=C(C=C4)N)</chem>	2388	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>
2381	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(C4=CC=C(C=C4)N)</chem>	2389	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>
2382	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>	2390	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>
2383	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>	2391	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>

FIGURE 4X

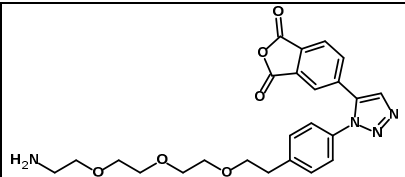
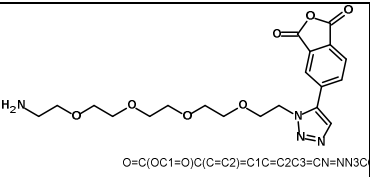
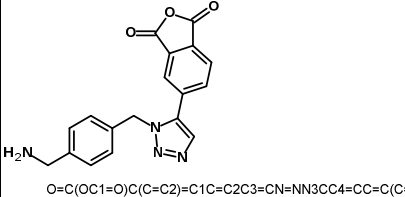
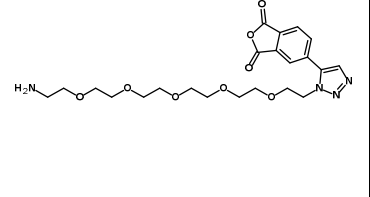
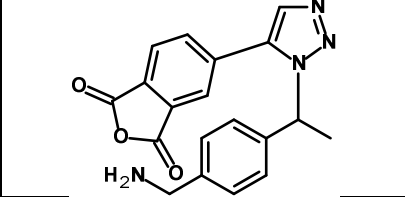
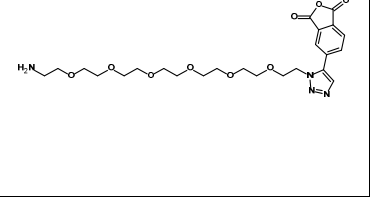
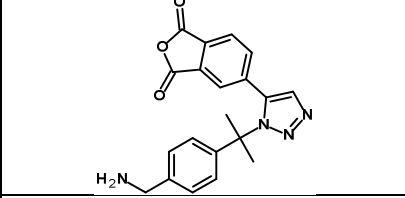
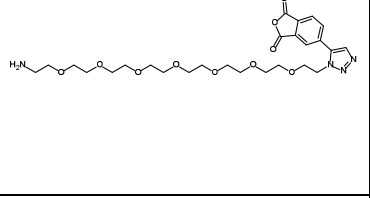
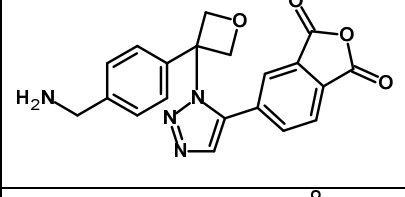
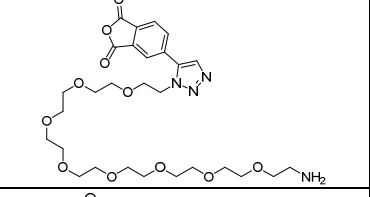
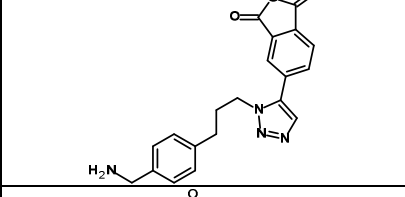
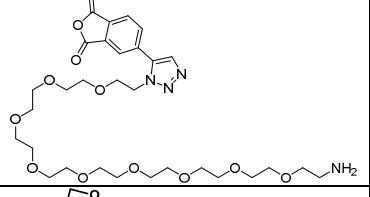
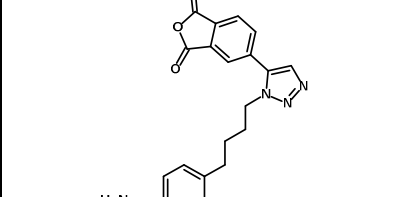
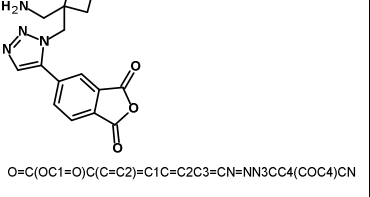
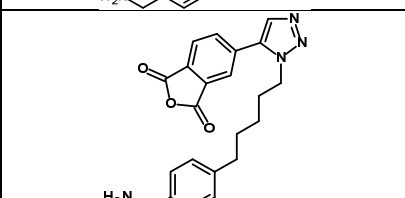
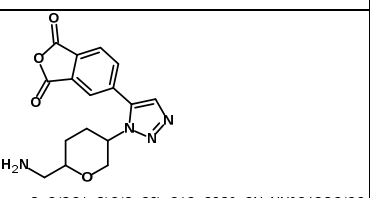
2392		2400	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C</chem>
2393	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3CC4=CC=C(C=C4)N</chem>	2401	
2394		2402	
2395		2403	
2396		2404	
2397		2405	
2398		2406	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3CC4(COC4)CN</chem>
2399		2407	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4COC(C4)CN</chem>

FIGURE 4Y

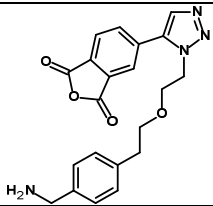
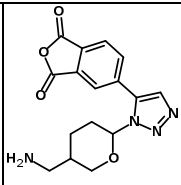
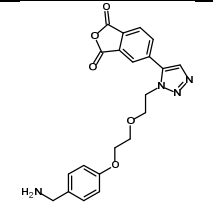
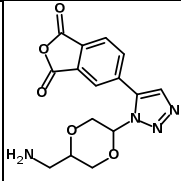
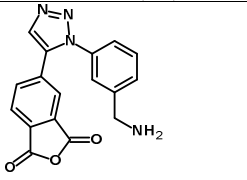
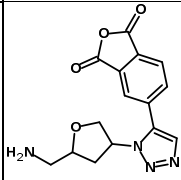
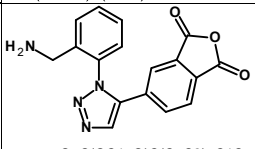
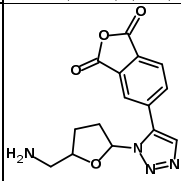
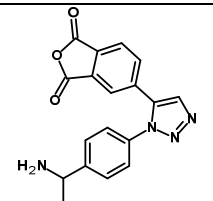
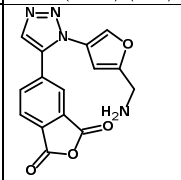
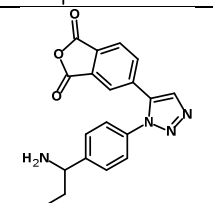
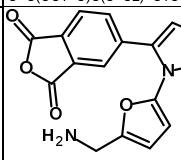
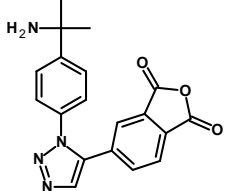
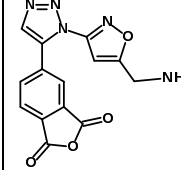
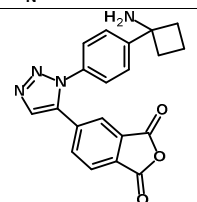
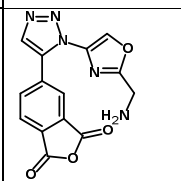
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2409		2417	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4OCC(CC</chem>
2410	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=CC(CN)=C</chem>	2418	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4CC(OC</chem>
2411	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=C(C</chem>	2419	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4OC(CC</chem>
2412		2420	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=COC(CN)=</chem>
2413		2421	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4(C</chem>
2414		2422	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=COC(CN)=</chem>
2415		2423	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=COC(CN)=</chem>

FIGURE 4Z

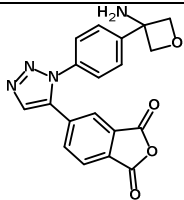
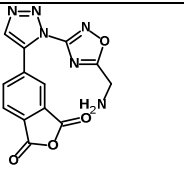
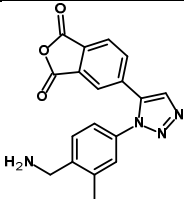
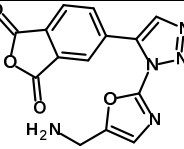
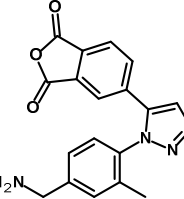
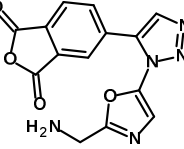
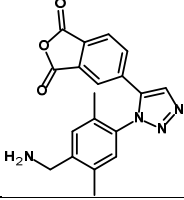
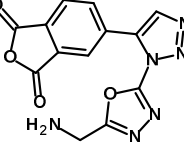
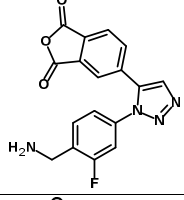
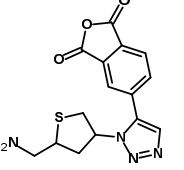
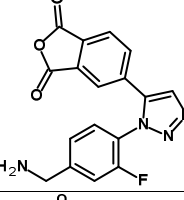
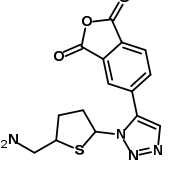
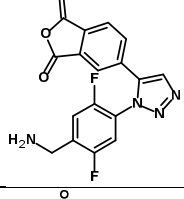
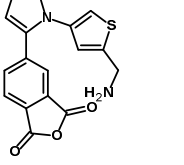
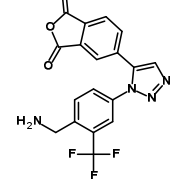
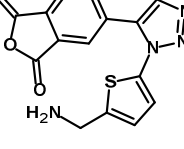
2424		2432	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=NOC(CN)=N4</chem>
2425		2433	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4</chem>
2426		2434	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4</chem>
2427		2435	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4</chem>
2428		2436	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4CC(SC4</chem>
2429		2437	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4SC(C4</chem>
2430		2438	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CSC(CN)=</chem>
2431		2439	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4</chem>

FIGURE 4AA

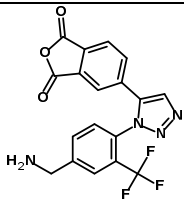
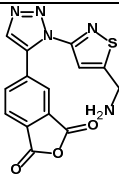
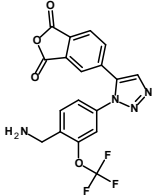
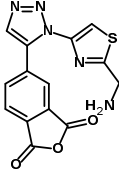
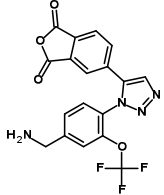
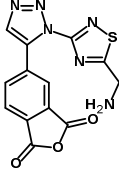
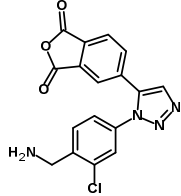
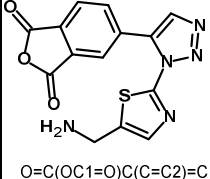
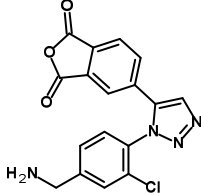
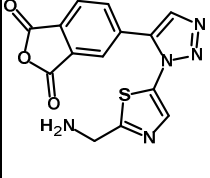
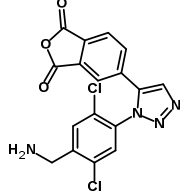
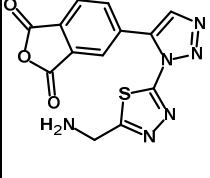
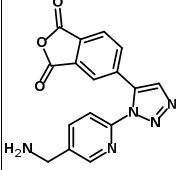
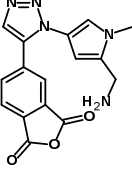
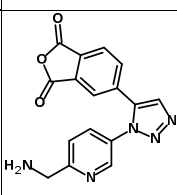
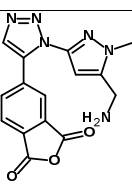
2440		2448	
2441		2449	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CSC(CN)=</chem>
2442		2450	
2443		2451	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CSC(CN)=</chem>
2444		2452	
2445		2453	
2446		2454	
2447	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CN=C(C=C4)C</chem>	2455	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=NN(C)C(C4)=</chem>

FIGURE 4BB

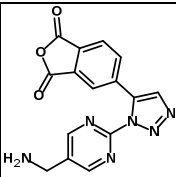
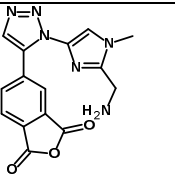
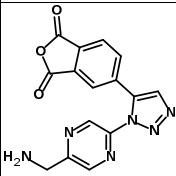
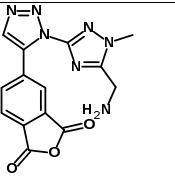
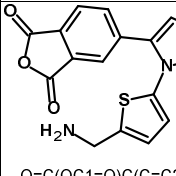
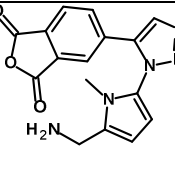
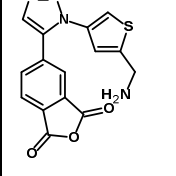
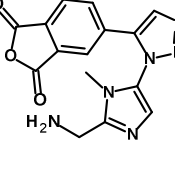
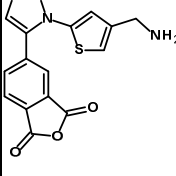
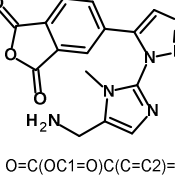
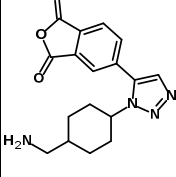
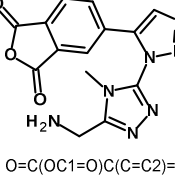
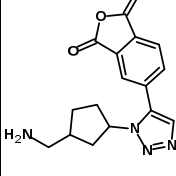
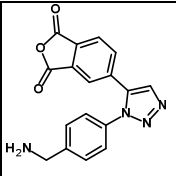
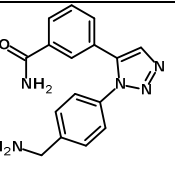
2456	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=NC=C(C=N4)C</chem>	2464	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CN(C)C(C=C4)N</chem>
2457	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>	2465	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=NN(C)C(C=C4)N</chem>
2458	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(S4)=C4C</chem>	2465	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=NN(C)C(C=C4)N</chem>
2459	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(S4)=C4C</chem>	2467	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>
2460	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>	2468	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>
2461	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>	2469	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>
2462	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C(N=C4)=CN=C4C</chem>		
2463	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)CN</chem>	2470	 <chem>NC(C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)CN)=C1)C</chem>

FIGURE 4CC

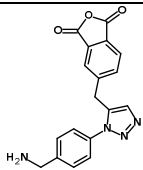
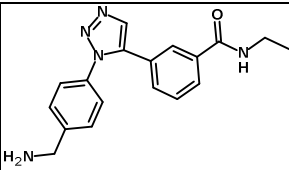
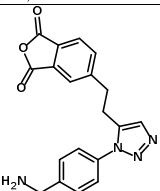
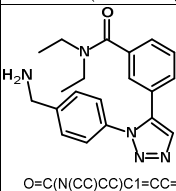
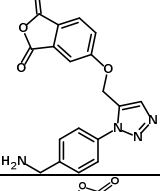
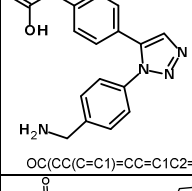
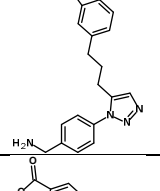
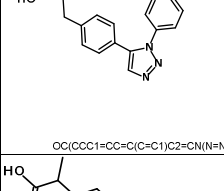
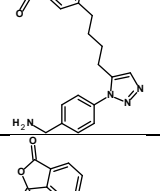
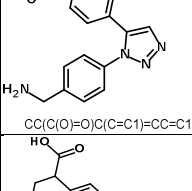
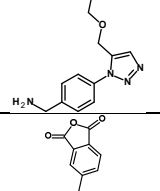
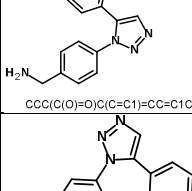
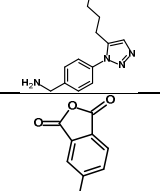
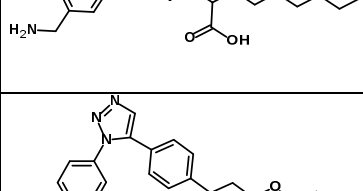
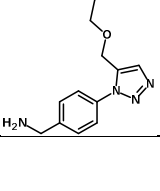
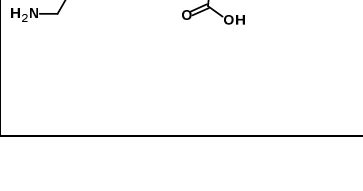
2471	 <chem>O=C(OC1=O)C(C=C2)=C1C=C2CC3=CN=NN3C4=CC=C(C=C4)CN</chem>	2479	 <chem>CCNC(C1=CC=CC(C2=CN(N=N2)C3=CC=C(C=C3)C(=O)N)C=C1)C(=O)N</chem>
2472	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2480	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>
2473	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2481	 <chem>OC(CC(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>
2474	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2482	 <chem>OC(CCC1=CC=C(C=C1)C2=CN(N=N2)C3=CC=C(C=C3)CN)=O</chem>
2475	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2483	 <chem>CC(C(O)=O)C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(=O)N</chem>
2476	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2484	 <chem>CCC(C(O)=O)C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>
2477	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2485	 <chem>CCCCCCCCC(C(=O)O)C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(=O)N</chem>
2478	 <chem>O=C(N(CC)CC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)C(=O)N)C=C1</chem>	2486	 <chem>COCCOC(C(=O)O)C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)C(=O)N</chem>

FIGURE 4DD

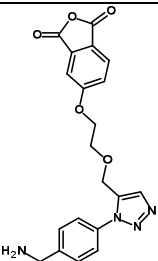
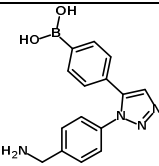
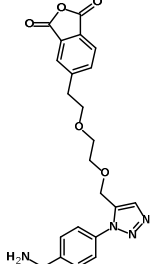
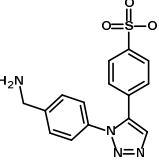
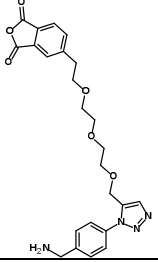
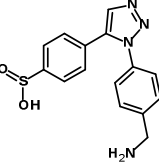
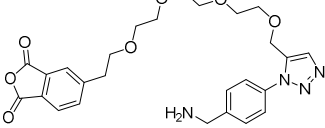
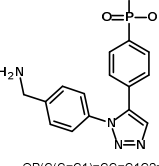
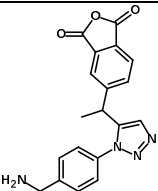
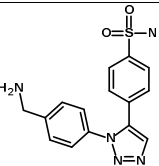
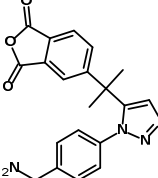
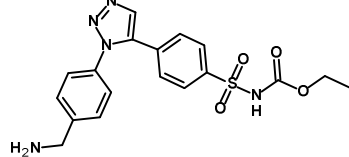
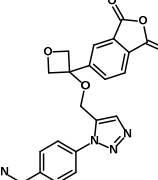
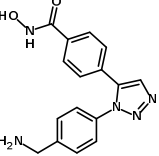
2487		2494	
2488		2495	
2489		2496	
2490		2497	 <chem>OP(C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C(C=C3)CN)(O)=C</chem>
2491		2498	 <chem>O=S(C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C(C=C3)CN)(N)=C</chem>
2492		2499	
2493		2500	

FIGURE 4EE

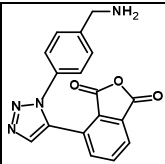
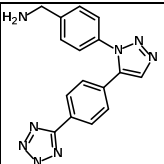
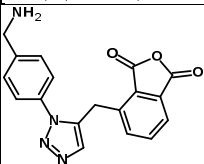
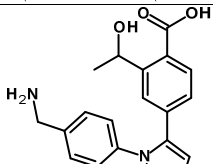
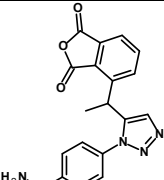
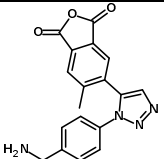
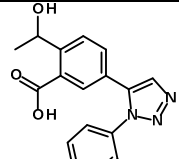
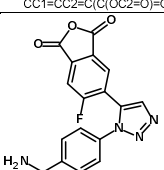
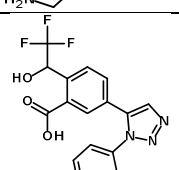
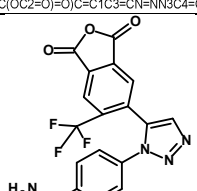
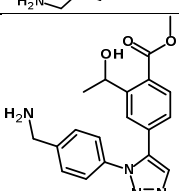
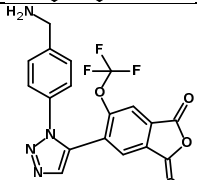
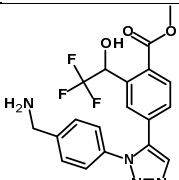
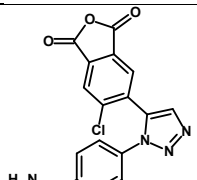
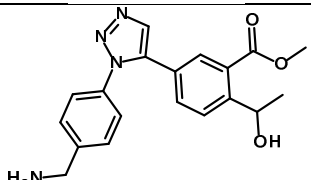
2501	 <chem>O=C(O1)C2=CC=CC(C3=CN=NN3C4=CC=C(C=C4)CN)=C2C1=O</chem>	2509	 <chem>NCC1=CC=C(O(N2N=NC2C3=CC=C(C(C4=NN=NN4)C=C3)C=C</chem>
2502	 <chem>O=C(O1)C2=CC=CC(CC3=CN=NN3C4=CC=C(C=C4)CN)=C2C1=O</chem>	2510	
2503		2511	
2504	 <chem>CC1=CC2=C(C(C(OC2=O)=O)C=C1C3=CN=NN3C4=CC=C(C=C4)CN</chem>	2512	
2505	 <chem>FC1=CC2=C(C(C(OC2=O)=O)C=C1C3=CN=NN3C4=CC=C(C=C4)CN</chem>	2513	
2506		2514	
2507		2515	
2508		2516	

FIGURE 4FF

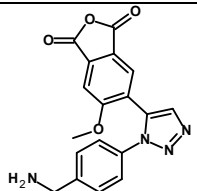
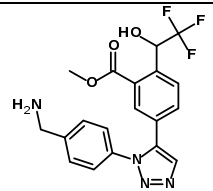
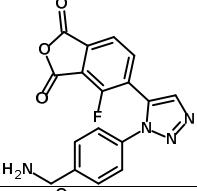
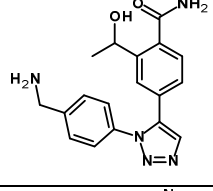
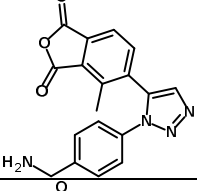
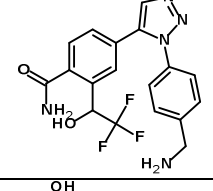
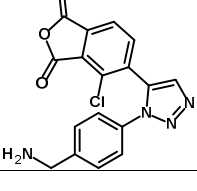
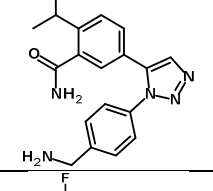
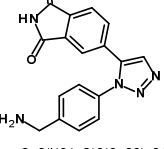
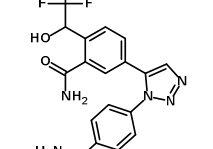
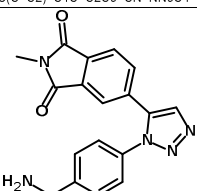
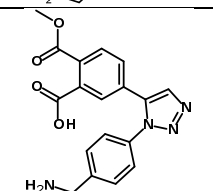
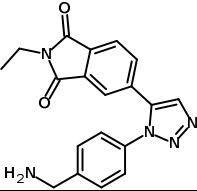
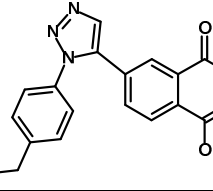
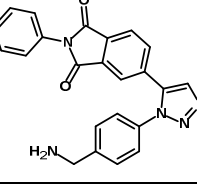
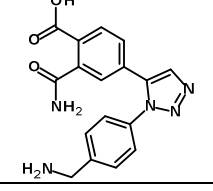
2517		2525	
2518		2526	
2519		2527	
2520		2528	
2521	 <chem>O=C(NC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C(C4)CN</chem>	2529	
2522		2530	
2523		2531	
2524		2532	

FIGURE 4GG

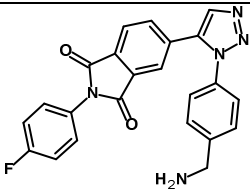
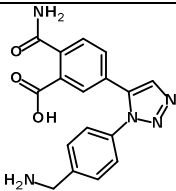
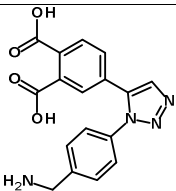
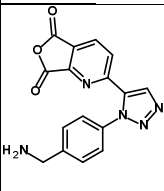
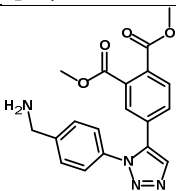
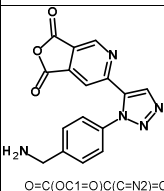
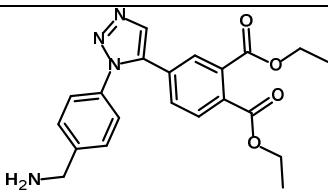
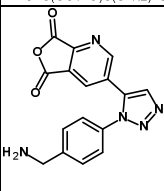
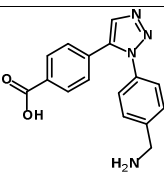
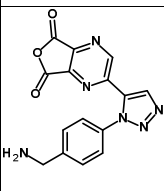
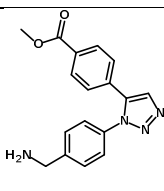
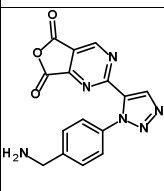
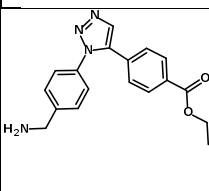
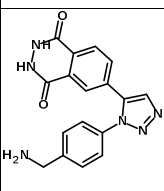
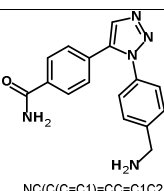
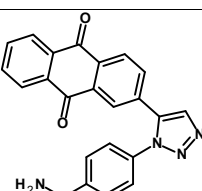
2533		2541	
2534		2542	
2535		2543	 <chem>O=C(OC1=O)C(C=N2)=C1C=C2C3=CN=NN3C4=CC=C(C(C=C4</chem>
2536		2544	
2537		2545	
2538		2546	
2539		2547	
2540	 <chem>NC(C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C(C=C3)CN)=O</chem>	2548	

FIGURE 4HH

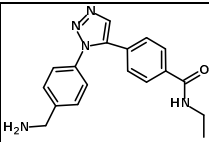
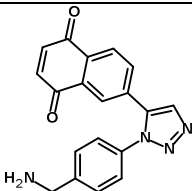
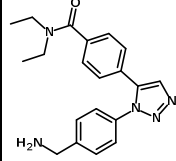
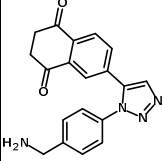
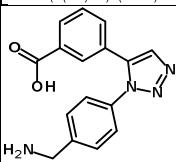
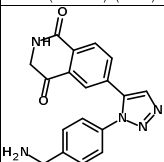
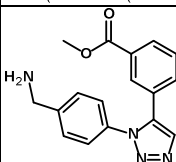
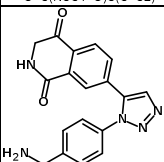
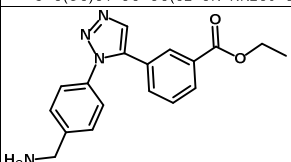
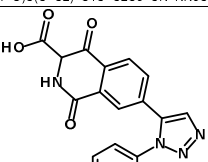
2549	 <chem>CCNC(C1=CC=C(C=C1)C2=CN(N=N2)C3=CC=C(C=C3)CN)=O</chem>	2554	 <chem>O=C(CCC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)</chem>
2550	 <chem>O=C(N(CC)CC)C(C=C1)=CC=C1C2=CN=NN2C3=CC=C(C=C3)CN</chem>	2555	 <chem>O=C(NCC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)</chem>
2551	 <chem>OC(C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)CN)=C1)=O</chem>	2556	 <chem>O=C(NCC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)</chem>
2552	 <chem>O=C(OC)C1=CC=CC(C2=CN=NN2C3=CC=C(C=C3)CN)=O</chem>	2557	 <chem>O=C(NCC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)</chem>
2553	 <chem>CCOC(C1=CC=CC(C2=CN(N=N2)C3=CC=C(C=C3)CN)=O</chem>	2558	 <chem>O=C(NCC1=O)C(C=C2)=C1C=C2C3=CN=NN3C4=CC=C(C=C4)</chem>

FIGURE 5A

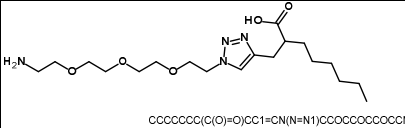
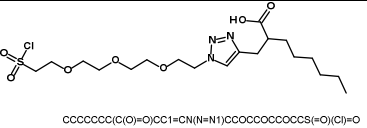
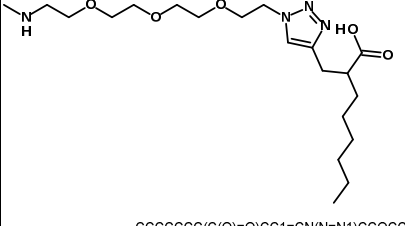
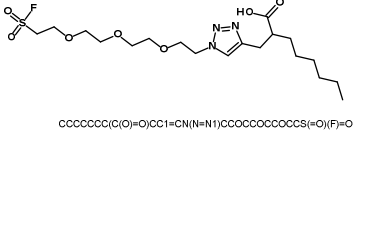
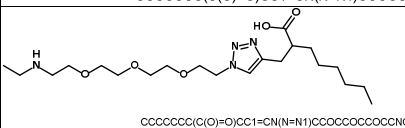
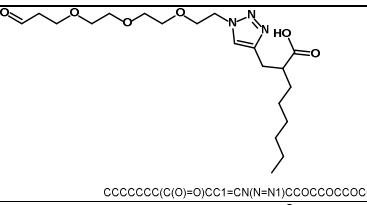
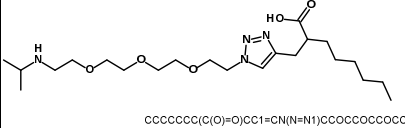
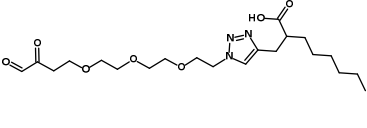
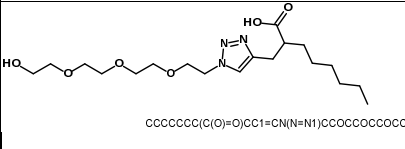
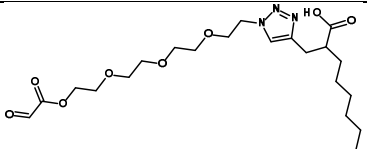
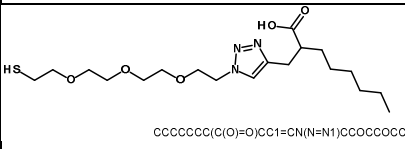
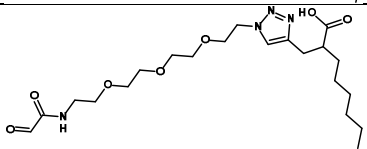
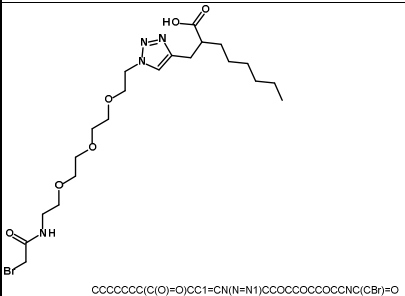
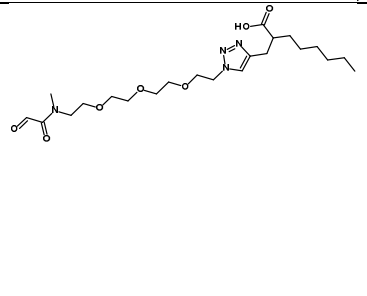
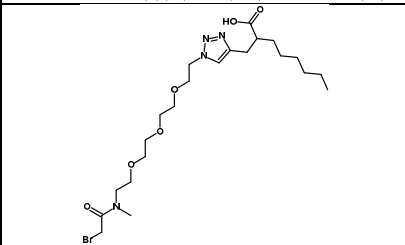
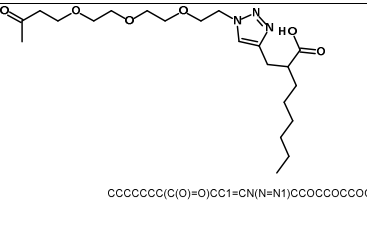
2559	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN</chem>	2567	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCS(=O)(Cl)=O</chem>
2560	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCNC</chem>	2568	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCS(=O)(F)=O</chem>
2561	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCNC</chem>	2569	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN</chem>
2562	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCNC</chem>	2570	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN</chem>
2563	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCO</chem>	2571	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCO</chem>
2564	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCS</chem>	2572	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN</chem>
2565	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN(CBr)=O</chem>	2573	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN(C)=O</chem>
2566	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN(C)=O</chem>	2574	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCN</chem>

FIGURE 5B

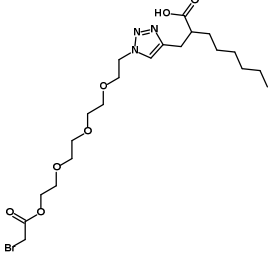
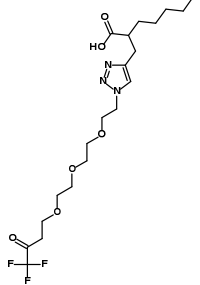
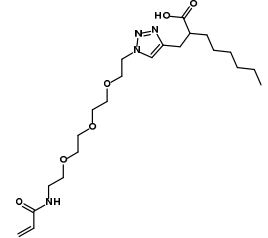
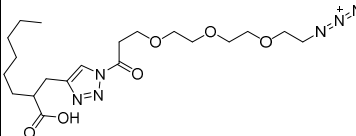
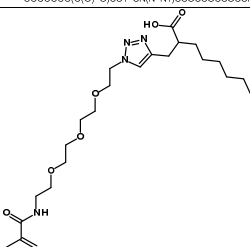
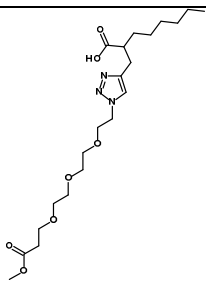
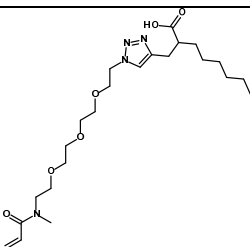
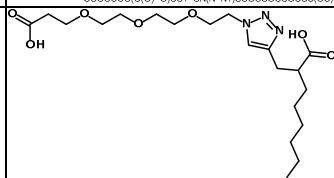
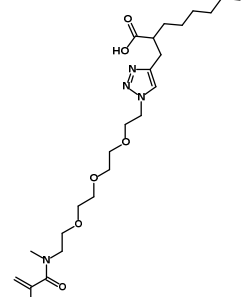
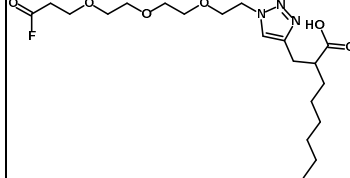
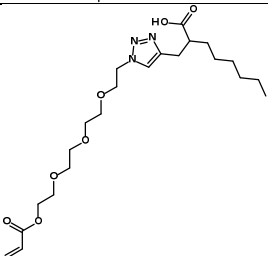
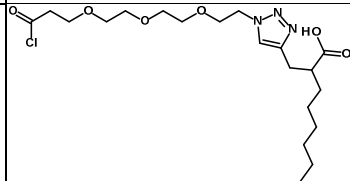
2575		2581	
2576	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCCCCCCOCNC(C#O)=O</chem>	2582	
2577		2583	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCCCCCCOCNC(C#O)=O</chem>
2578	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCCCCCCOCNC(C#O)=O</chem>	2584	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCCCCCCOCNC(C#O)=O</chem>
2579		2585	
2580		2586	

FIGURE 5C

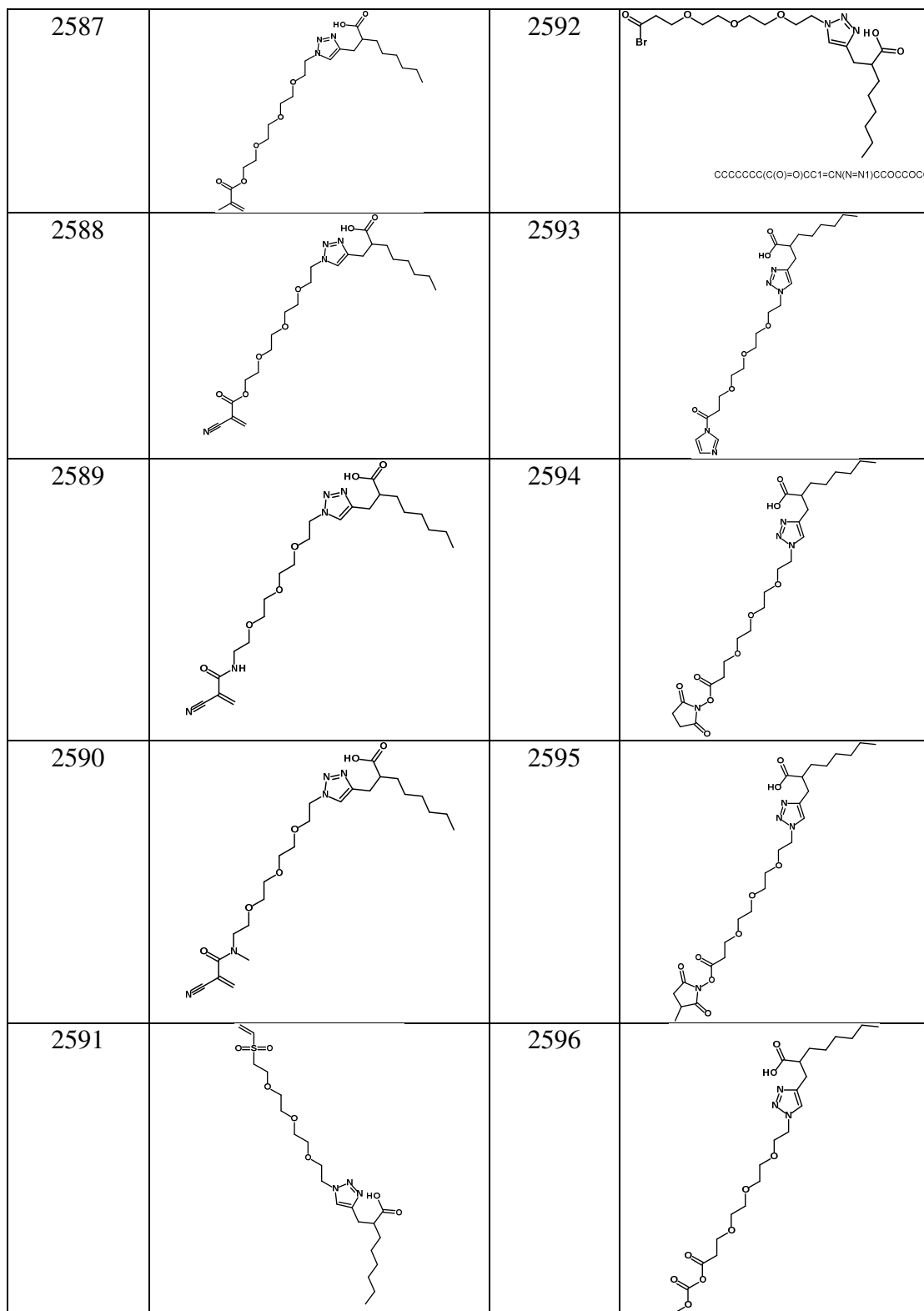


FIGURE 5D

2597		2603	
2598		2604	
2599		2605	
2600		2606	
2601		2607	
2602		2608	

FIGURE 5E

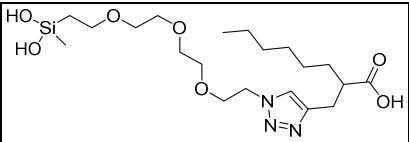
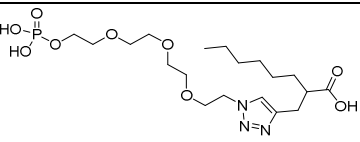
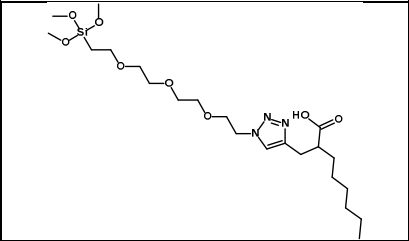
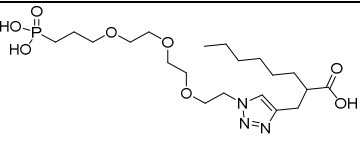
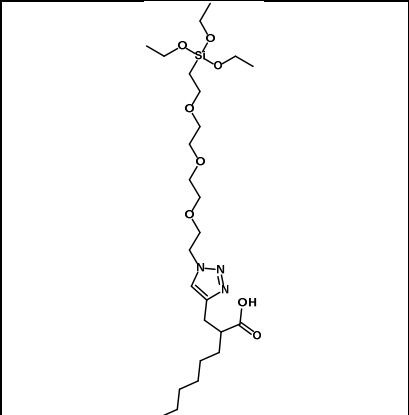
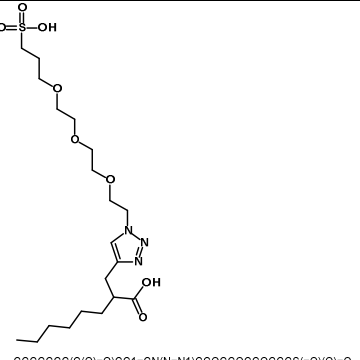
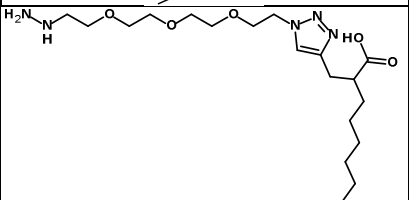
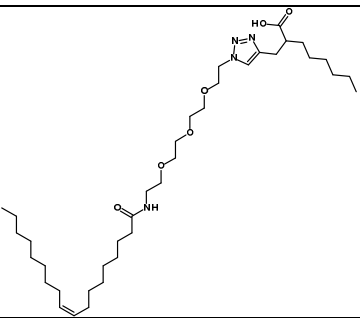
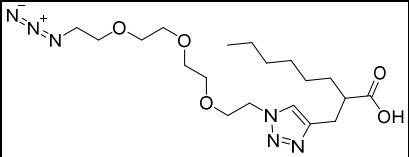
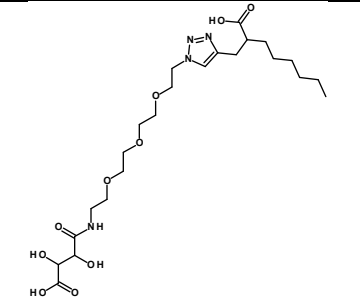
2609	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCC[Si](O)(O)(C)O</chem>	2614	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCOP(O)(O)=O</chem>
2610		2615	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCOP(O)(O)=O</chem>
2611		2616	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOCCOCCS(=O)(=O)(O)=O</chem>
2612	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCC</chem>	2617	
2613	 <chem>CCCCCCC(C(=O)=O)CC1=CN(CCOCOCOCOCN=[N+]=[N-])N=N1</chem>	2618	

FIGURE 5F

2619	 CCCCCCC(C(=O)=O)CC1=CN(N=N1)COCOCOCOCOCO	2626	
2620		2627	
2621		2628	
2622		2629	
2623		2630	
2624	 CCCCCCC(C(=O)=O)CC1=CN(N=N1)COCOCOCOCOCO	2631	
2625	 CCCCCCC(C(=O)=O)CC1=CN(N=N1)COCOCOCOCOCO	2632	

FIGURE 5G

2633	 CCCCCCC(C(O)=O)CC1=CN(N=N1)CCOCOCOCOCI
2639	
2634	
2640	
2635	
2641	
2636	
2642	
2637	
2643	
2638	
2644	

FIGURE 5H

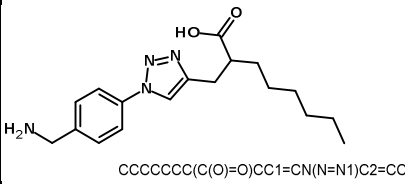
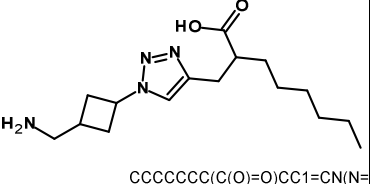
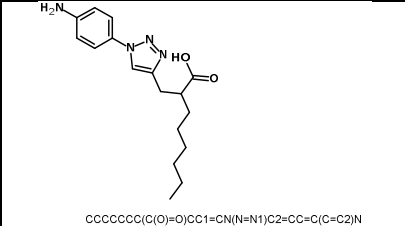
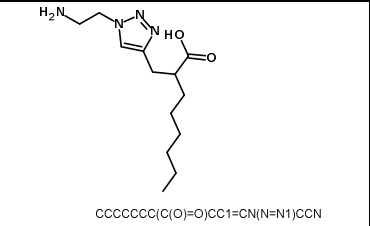
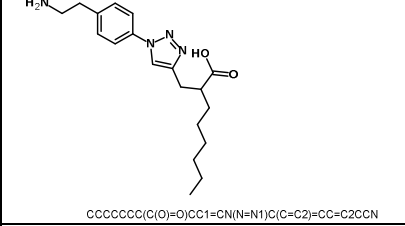
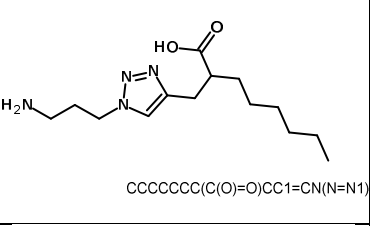
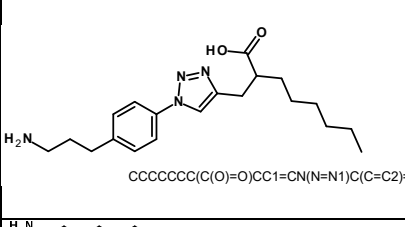
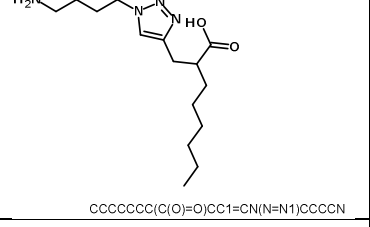
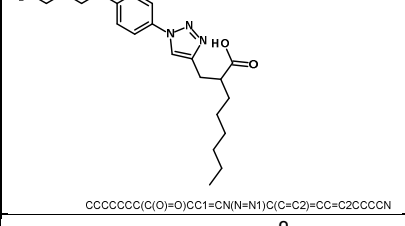
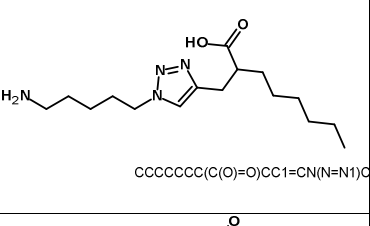
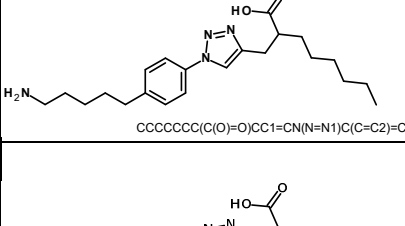
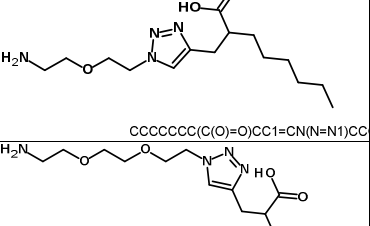
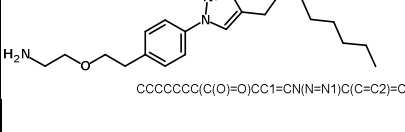
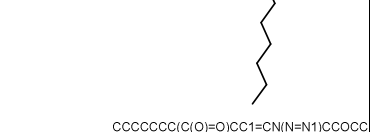
2645	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2652	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>
2646	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2653	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCN</chem>
2647	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2654	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>
2648	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2655	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>
2649	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2656	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>
2650	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2657	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>
2651	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>	2658	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC=C2CN</chem>

FIGURE 5I

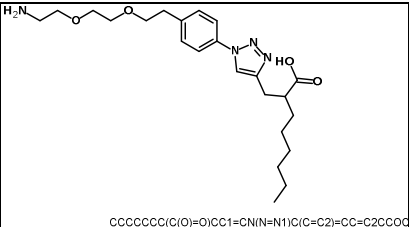
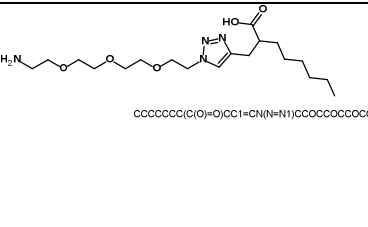
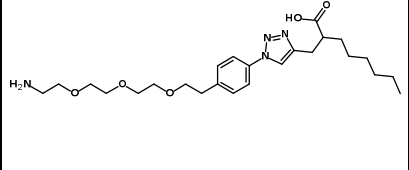
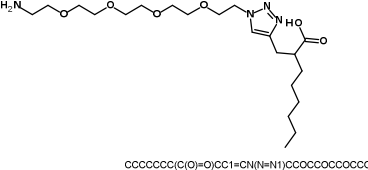
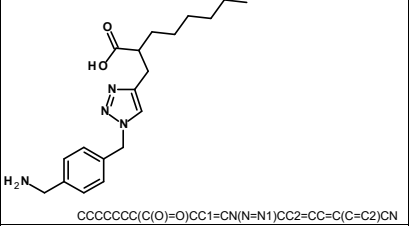
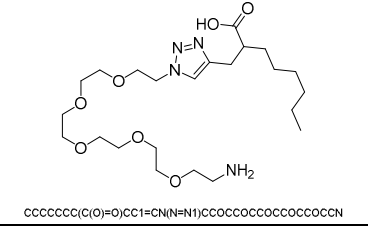
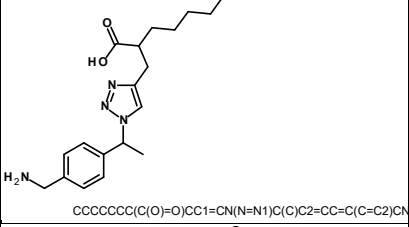
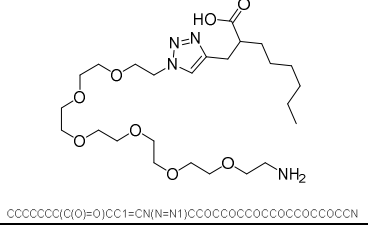
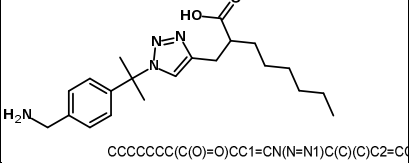
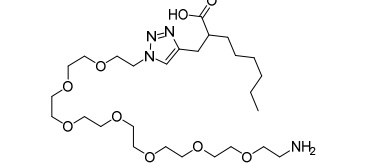
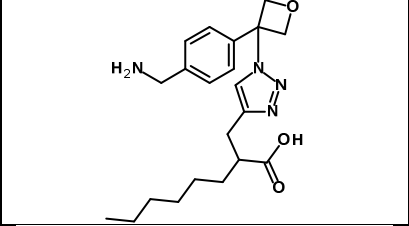
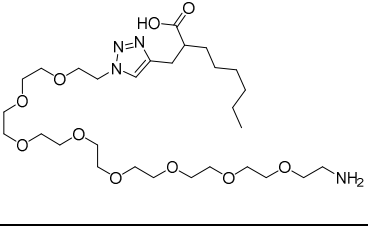
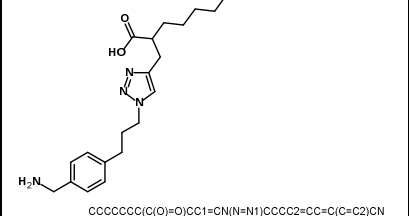
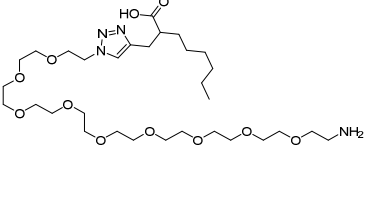
2659	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C=C2)=CC=C2CCOC</chem>	2666	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>
2660	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C=C2)=CC=C2CCOC</chem>	2667	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>
2661	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CC2=CC=C(C=C2)CN</chem>	2668	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>
2662	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C)C2=CC=C(C=C2)CN</chem>	2669	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>
2663	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C)C2=CC=C(C=C2)CN</chem>	2670	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>
2664	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C)C2=CC=C(C=C2)CN</chem>	2671	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>
2665	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>	2672	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOC</chem>

FIGURE 5J

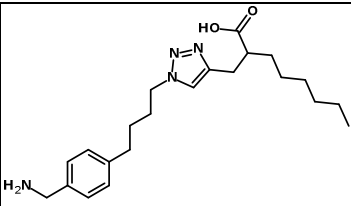
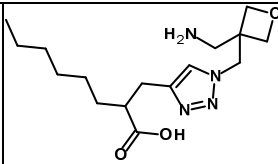
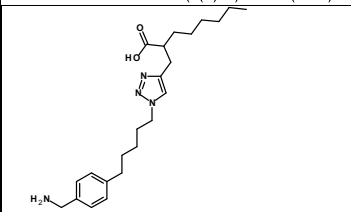
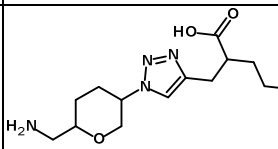
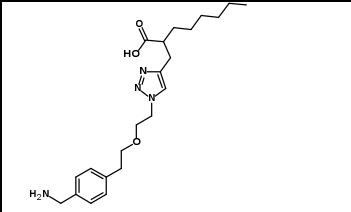
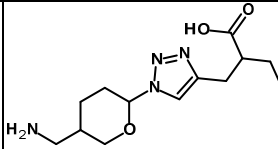
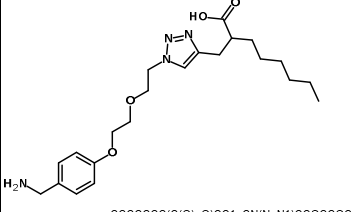
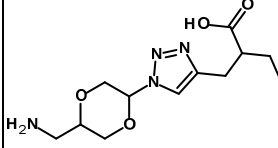
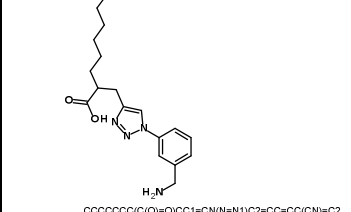
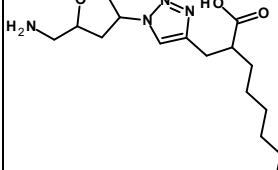
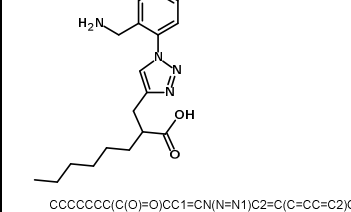
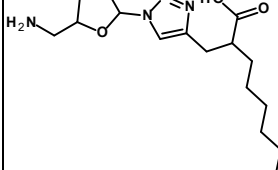
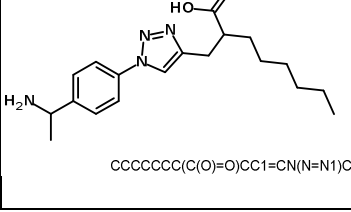
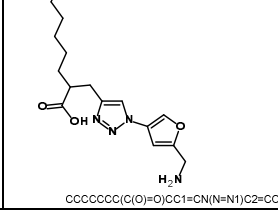
2673	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCC2=CC</chem>	2680	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CC2(C</chem>
2674	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCC2=CC=C(C#N</chem>	2681	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2</chem>
2675	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCCCC2=CC=C(C#N</chem>	2682	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1</chem>
2676	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)CCOCCOC2=CC=C(C</chem>	2683	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1</chem>
2677	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=CC(CN)=C2</chem>	2684	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2CC</chem>
2678	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=C(C=C=C2)CN</chem>	2685	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2OC</chem>
2679	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C</chem>	2686	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(CN)=C2</chem>

FIGURE 5K

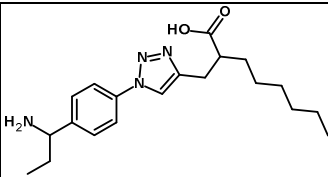
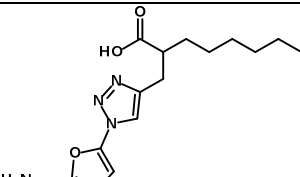
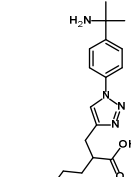
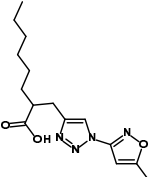
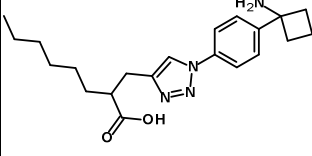
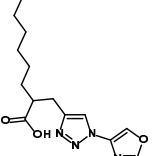
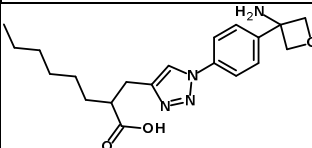
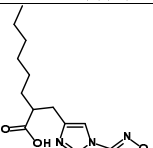
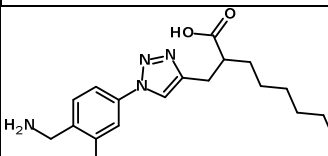
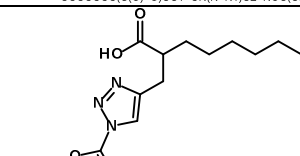
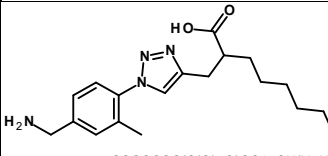
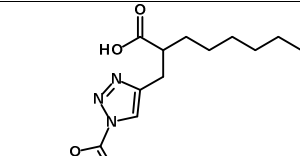
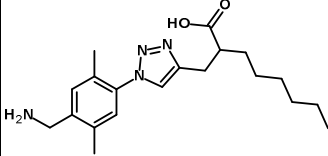
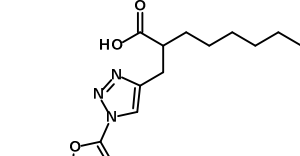
2687	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>	2694	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(O2)C=C(C=C2)N</chem>
2688	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)C(C)C(N)</chem>	2695	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(O2)C=C(C=C2)N</chem>
2689	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>	2696	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>
2690	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>	2697	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>
2691	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>	2698	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(O2)C=C(C=C2)N</chem>
2692	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C)C=C(C=C2)N(C)CC</chem>	2699	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(O2)C=C(C=C2)N</chem>
2693	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC=C(C=C2)N(C)CC</chem>	2700	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(O2)C=C(C=C2)N</chem>

FIGURE 5L

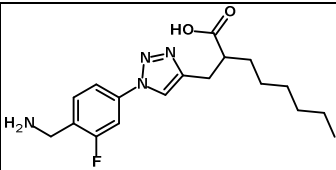
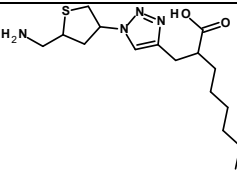
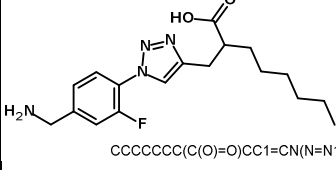
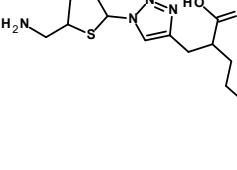
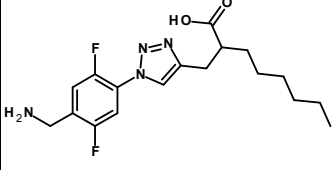
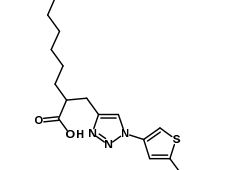
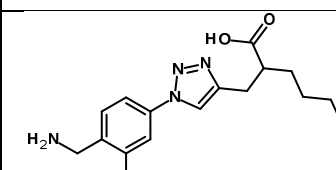
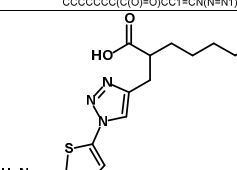
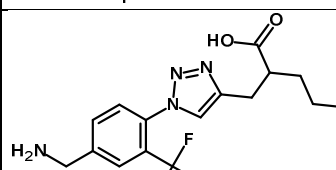
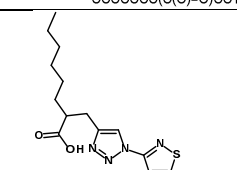
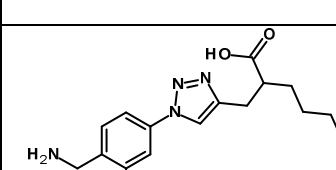
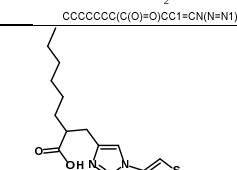
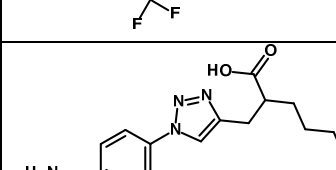
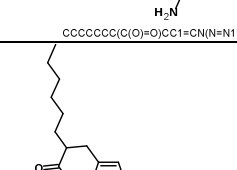
2701		2708	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(F)=</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2CC(SC2)CN</chem>
2702		2709	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C(F)=C</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2SC(C2</chem>
2703		2710	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(F)=</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CSC(CN)=C2</chem>
2704		2711	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(S2)=CC</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(CN)=C2</chem>
2705		2712	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NSC(CN)=C2</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NSC(CN)=C2</chem>
2706		2713	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NSC(CN)=N2</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NSC(CN)=N2</chem>
2707		2714	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NSC(CN)=N2</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NSC(CN)=N2</chem>

FIGURE 5M

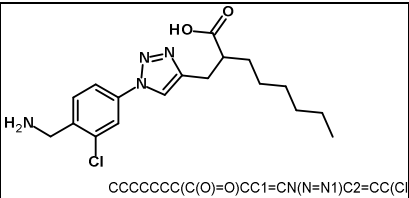
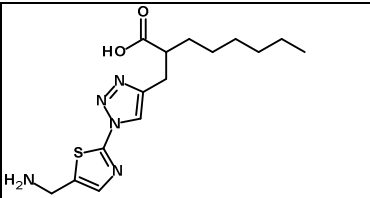
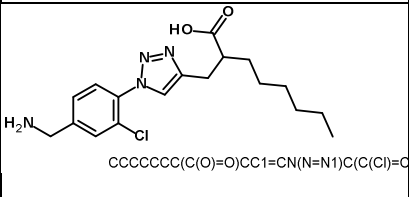
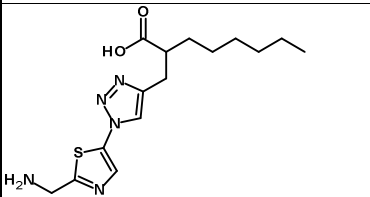
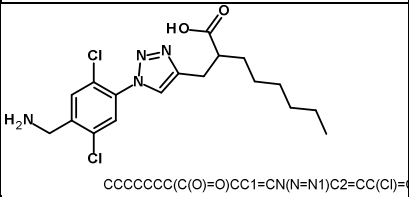
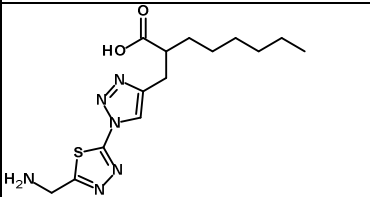
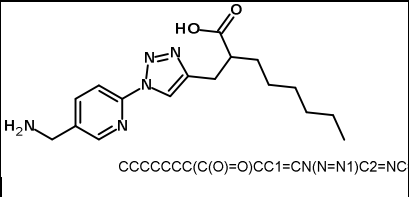
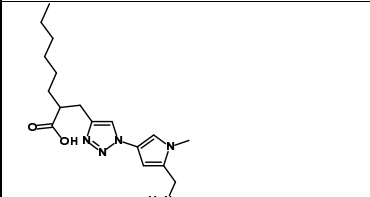
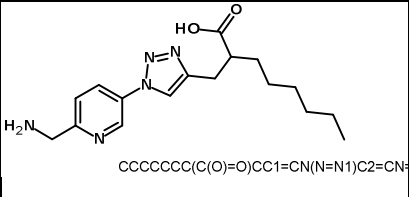
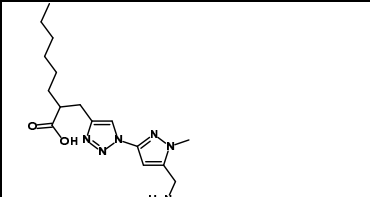
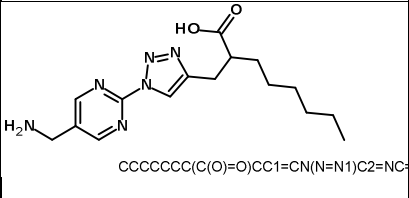
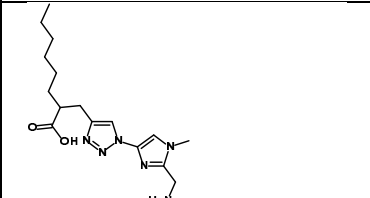
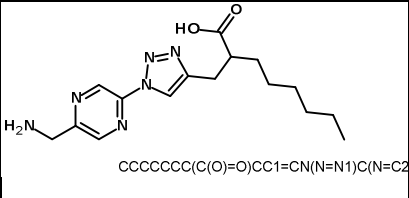
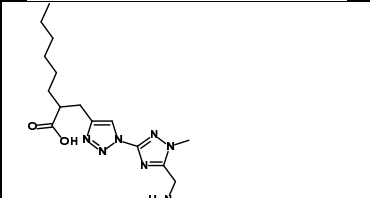
2715	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(Cl)=C(N)C=C2</chem>	2722	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(S2)=CC=C2N</chem>
2716	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(C(C)=O)=C2</chem>	2723	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(S2)=CC=C2N</chem>
2717	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(Cl)=C(N)C=C2</chem>	2724	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(S2)=CC=C2N</chem>
2718	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NC=CC=C2</chem>	2725	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CN(C)C(CN)=C2</chem>
2719	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CN=CC=C2</chem>	2726	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NN(C)C(CN)=C2</chem>
2720	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NC=CC=C2</chem>	2727	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CN(C)C(CN)=N2</chem>
2721	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N=C2)=CC=C2</chem>	2728	 <chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=NN(C)C(CN)=N2</chem>

FIGURE 5N

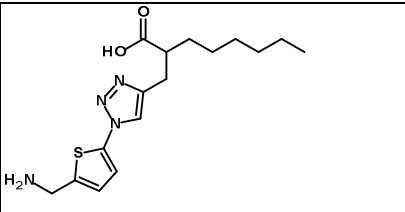
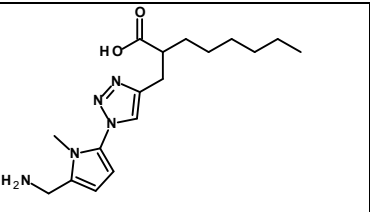
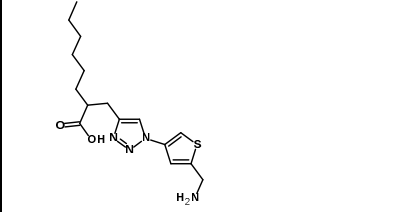
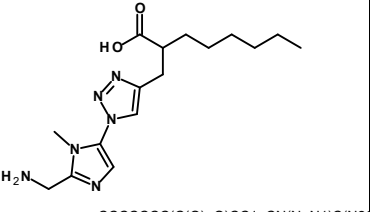
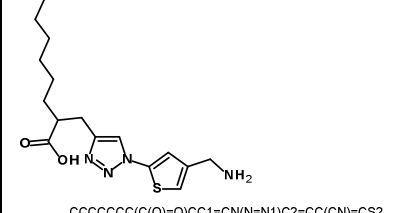
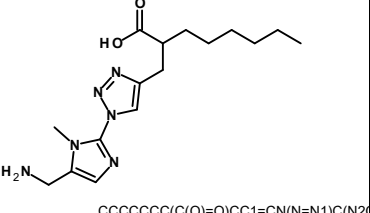
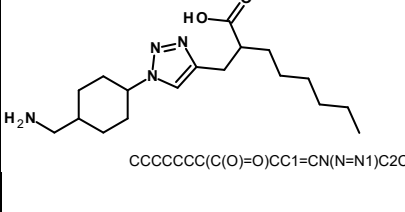
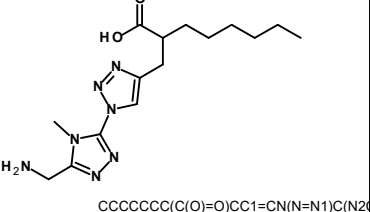
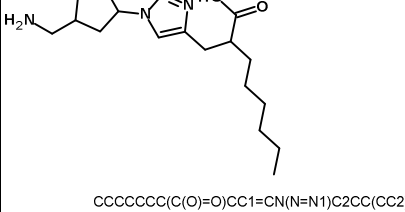
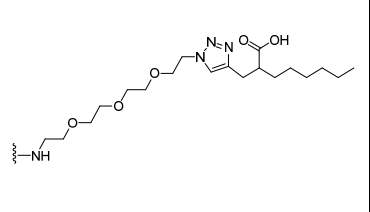
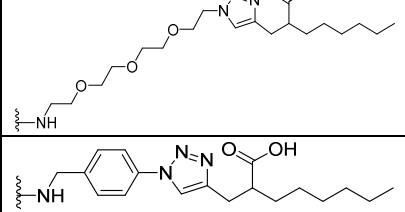
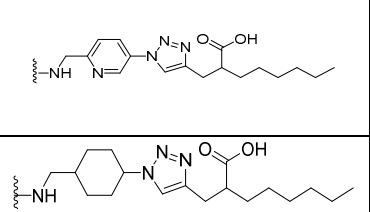
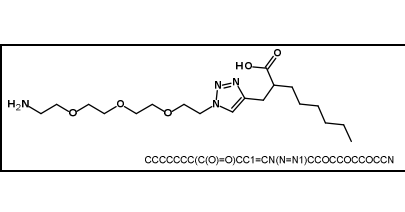
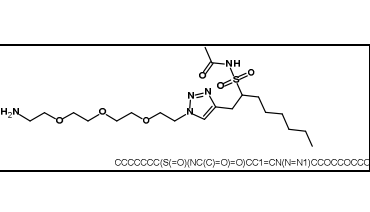
2729		2737	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(S2)=CC=C2</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2730		2738	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=SC(CN)=C2</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2731		2739	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2=CC(CN)=CS2</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2732		2740	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2C=CC(C2)</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2733		2741	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2CC(C2)</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2734		2742	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2CC(C2)</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2735		2743	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2CC(C2)</chem>		<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C(N2C)C=C2</chem>
2736		2744	
	<chem>CCCCCCC(C(=O)=O)CC1=CN(N=N1)C2CC(C2)</chem>		<chem>CCCCCCC(S(=O)(=O)C1=CN(N=N1)C=C1)CC1=CN(N=N1)C2CC(C2)</chem>

FIGURE 50

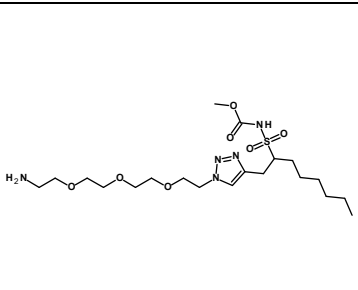
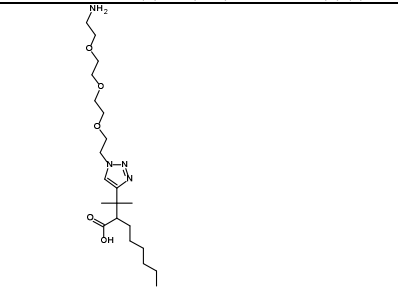
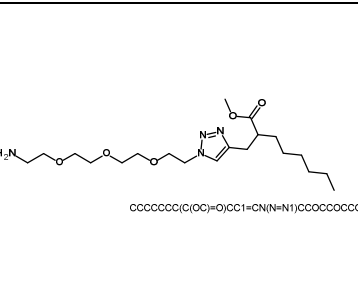
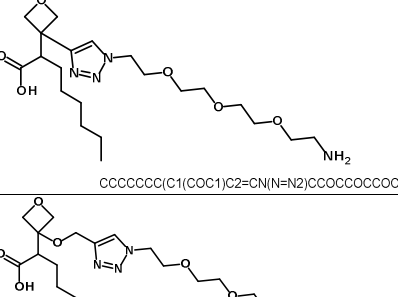
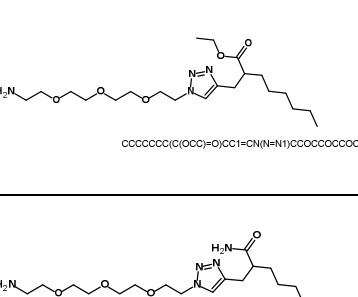
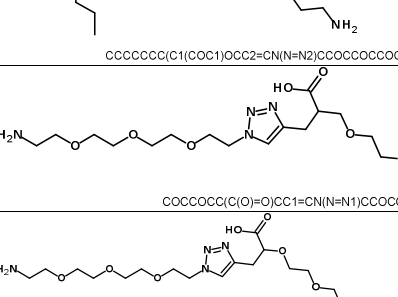
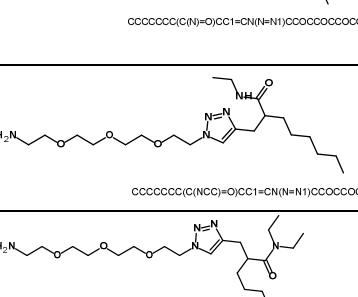
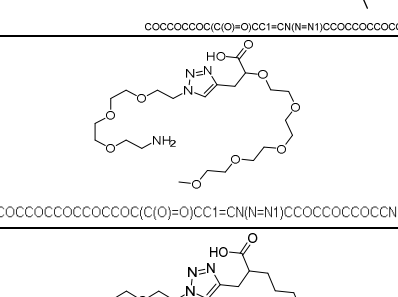
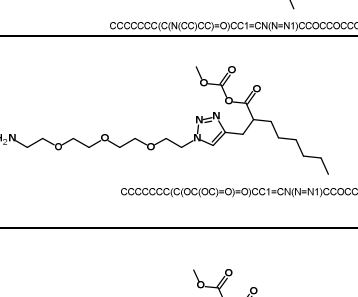
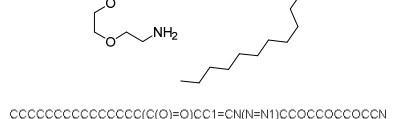
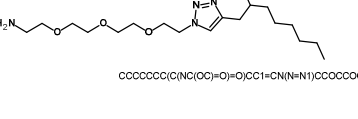
2745	 <chem>CCCCCCC(C(C1=CN(N=N1)CCOCCOCCOCCN)C)C(=O)O</chem>	2753	 <chem>CCCCCCC(C(C(=O)OC)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2746	 <chem>CCCCCCC(C(C1=CN(N=N1)CCOCCOCCOCCN)C)C(=O)O</chem>	2754	 <chem>CCCCCCC(C(C(=O)OC)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2747	 <chem>CCCCCCC(C1(COC1)C2=CN(N=N2)CCOCCOCCOCCN)C(=O)O</chem>	2755	 <chem>CCCCCCC(C(C(=O)OC)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2748	 <chem>CCCCCCC(C1(COC1)OCC2=CN(N=N2)CCOCCOCCOCCN)C(=O)O</chem>	2756	 <chem>CCCCCCC(C(N(C)=O)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2749	 <chem>CCCCCCC(C(C(=O)O)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>	2757	 <chem>CCCCCCC(C(NC(C)=O)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2750	 <chem>CCCCCCC(C(C(=O)O)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>	2758	 <chem>CCCCCCC(C(N(C(C)C)C(=O)OC)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2751	 <chem>CCCCCCC(C(C(=O)O)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>	2759	 <chem>CCCCCCC(C(C(=O)OC)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>
2752	 <chem>CCCCCCC(C(C(=O)O)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>	2760	 <chem>CCCCCCC(C(NC(C)C(=O)OC)C1=CN(N=N1)CCOCCOCCOCCN)C(=O)O</chem>

FIGURE 5P

[illegible]

FIGURE 5Q

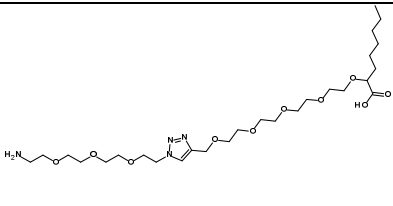
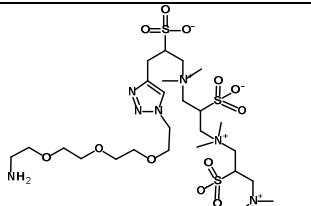
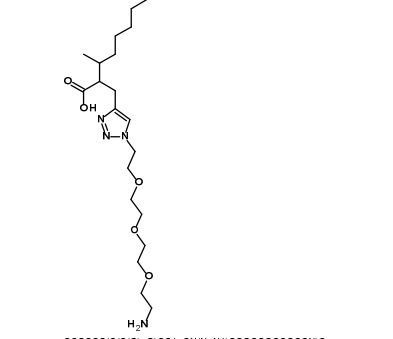
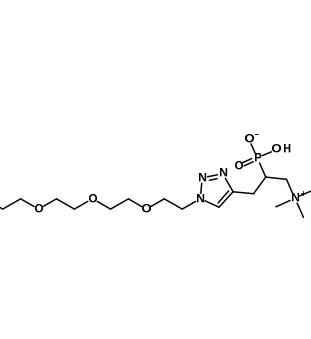
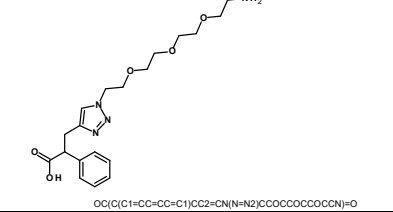
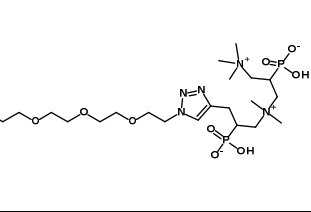
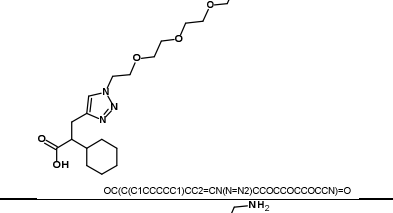
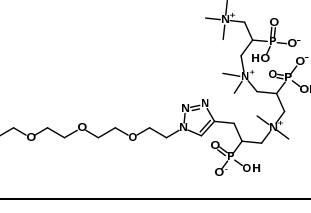
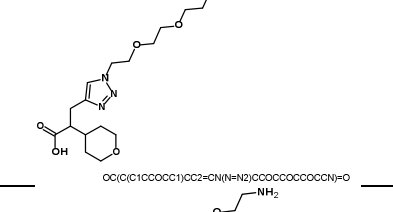
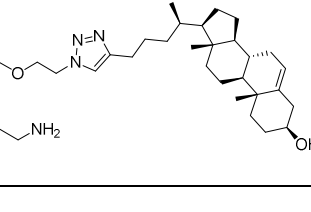
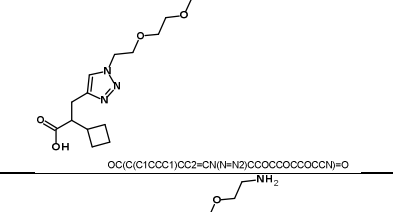
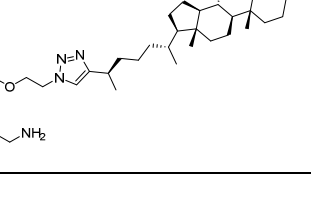
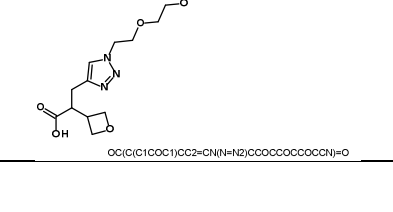
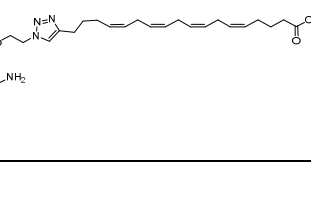
2779		2786	
2780	 <chem>CCCCC(C(C(=O)O)CN(C1=CN(N1)CCOCCOCCOCCN)C</chem>	2787	
2781	 <chem>OC(C(C1=CC=CC=C1)C(=O)O)CN(C1=CN(N1)CCOCCOCCOCCN)=O</chem>	2788	
2782	 <chem>OC(C(C1CCCCC1)C(=O)O)CN(C1=CN(N1)CCOCCOCCOCCN)=O</chem>	2789	
2783	 <chem>OC(C(C1CCCCC1)C(=O)O)CN(C1=CN(N1)CCOCCOCCOCCN)=O</chem>	2790	
2784	 <chem>OC(C(C1CCCC1)C(=O)O)CN(C1=CN(N1)CCOCCOCCOCCN)=O</chem>	2791	
2785	 <chem>OC(C(C1CCCC1)C(=O)O)CN(C1=CN(N1)CCOCCOCCOCCN)=O</chem>	2792	

FIGURE 5R

2793	 OC(C(N1CCOCC1)CC2=CN(N=N2)COCOCOCOCN)=O	2800	
2794	 CCCCCCC(C)(C(O)=O)CC1=CN(N=N1)CCOCO	2801	
2795	 CCCCCCC(S(=O)(=O)C1=CN(N=N1)COCOCOCOCN)	2802	
2796	 CCCCCCC(P(O)(O)=O)CC1=CN(N=N1)COCOCOCOCN	2803	

2797	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1COCOCOCOCN</chem>	2804	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1COCOCOCOCSC(=O)(Cl)=O</chem>
2798	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1COCOCOCNC</chem>	2805	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1COCOCOCNC(S(=O)(=O)F)</chem>
2799	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1COCOCOCNC(C)C</chem>	2806	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1COCOCOCNC=O</chem>

FIGURE 5S

[illegible]

FIGURE 5T

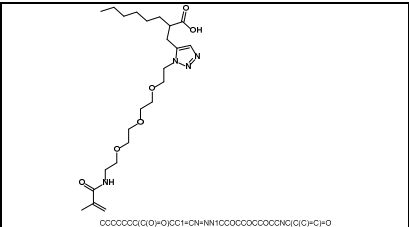
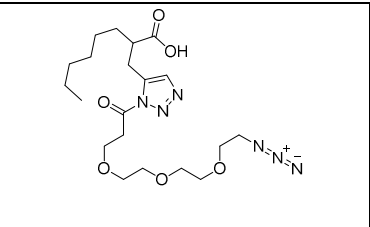
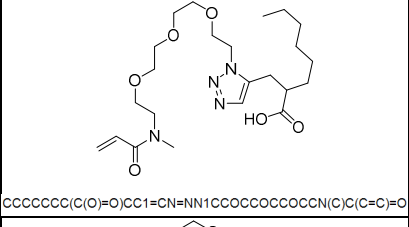
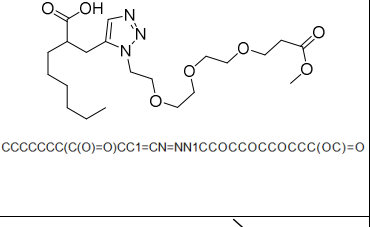
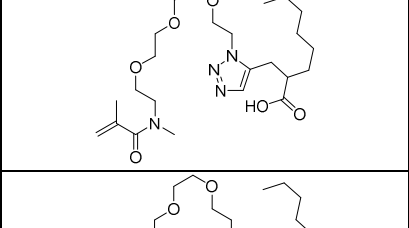
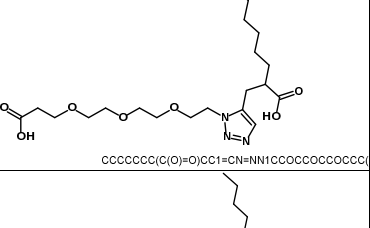
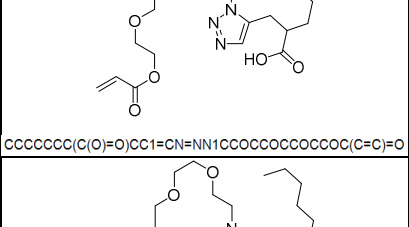
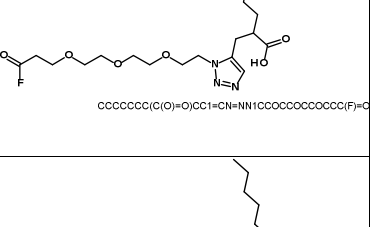
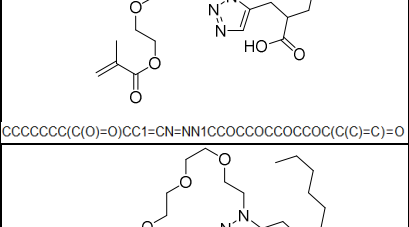
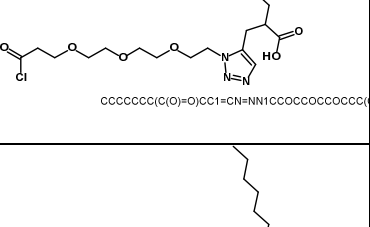
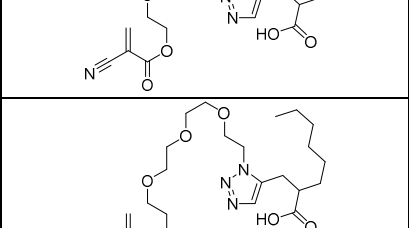
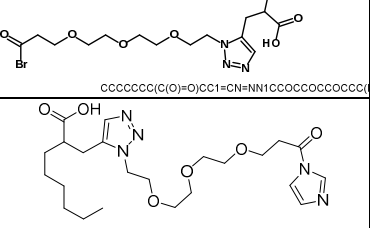
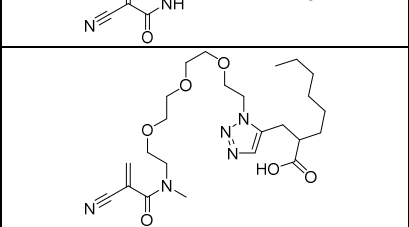
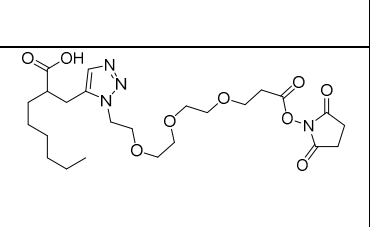
2819	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2827	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2820	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2828	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2821	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2829	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2822	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2830	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2823	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2831	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2824	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2832	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2825	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2833	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>
2826	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>	2834	 <chem>CCCCCCCC(C(=O)O)CC1=CN=NN1CCOCCOCCOCC(C(=O)O)C(=O)O</chem>

FIGURE 5U

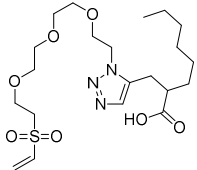
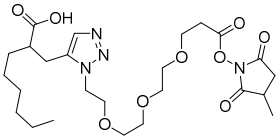
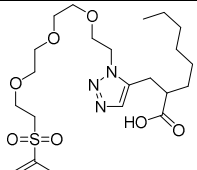
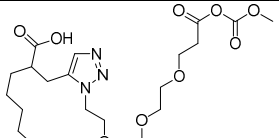
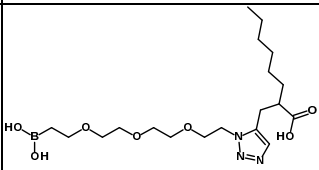
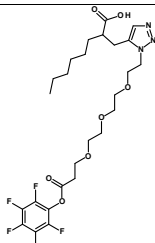
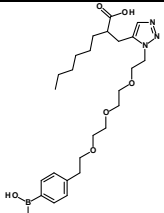
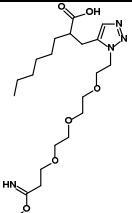
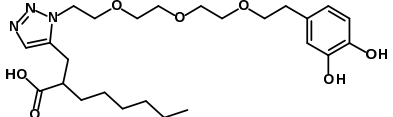
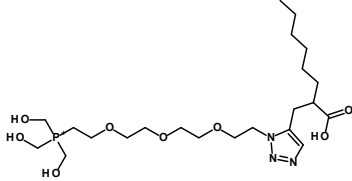
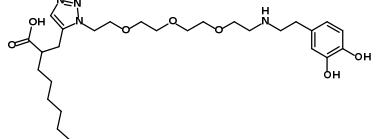
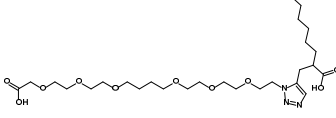
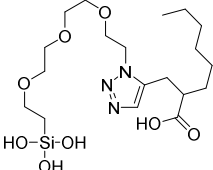
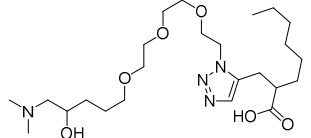
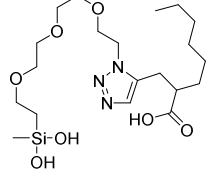
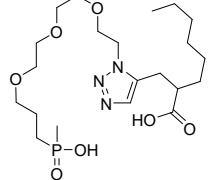
2835	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCS(C=C)(=O)=O</chem>	2843	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2836	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2844	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2837	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2845	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2838	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2846	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2839	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2847	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2840	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2848	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2841	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2849	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>
2842	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>	2850	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC(OC(=O)=O)=O</chem>

FIGURE 5V

2851		2859	
2852		2860	
2853		2861	
2854		2862	
2855		2863	
2856		2864	
2857		2865	
2858		2866	

FIGURE 5W

2867		2874	
2868		2875	
2869		2876	
2870		2877	
2871		2878	
2872		2879	
2873		2880	

FIGURE 5X

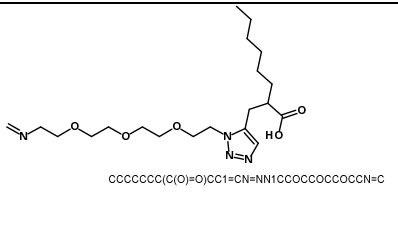
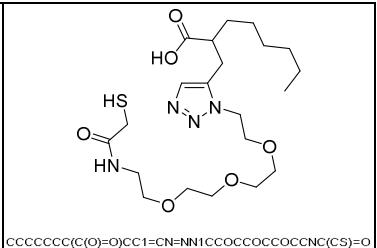
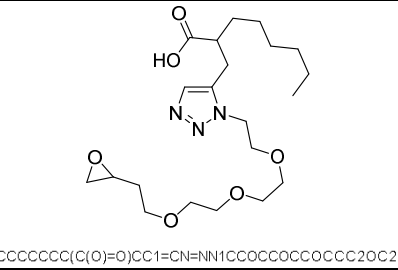
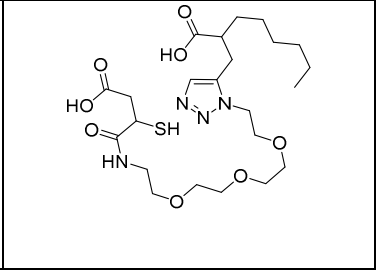
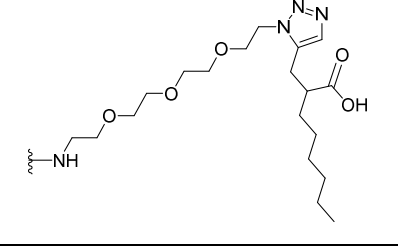
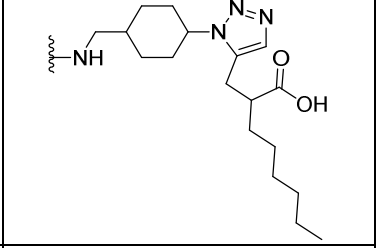
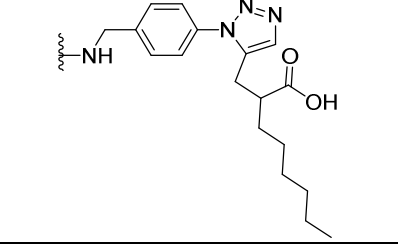
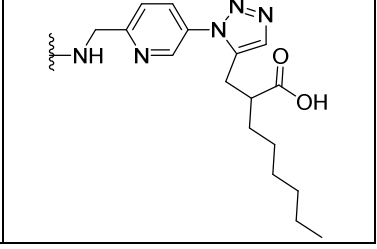
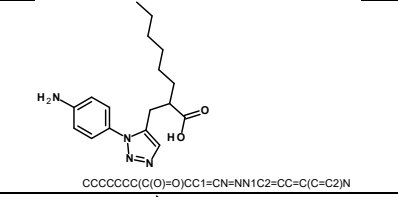
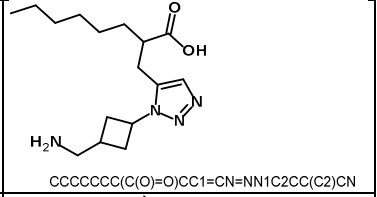
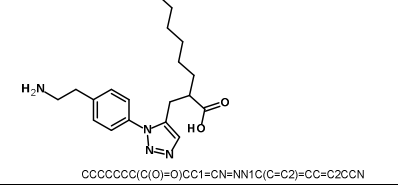
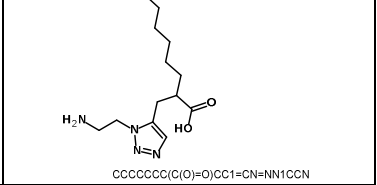
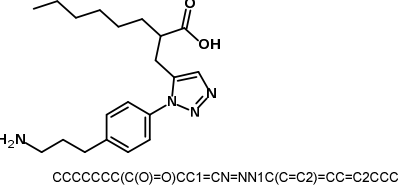
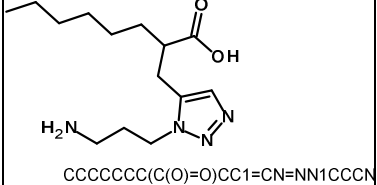
2881	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCN=C</chem>	2888	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCNC(CS)=O</chem>
2882	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCOCCOCCOCCOCC2OC2</chem>	2889	
2883		2890	
2884		2891	
2885	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2=CC=C(C=C2)N</chem>	2892	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2CC(C2)CN</chem>
2886	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2CCN</chem>	2893	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCN</chem>
2887	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2CCCC</chem>	2894	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCN</chem>

FIGURE 5Y

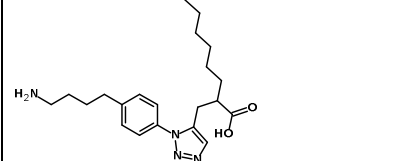
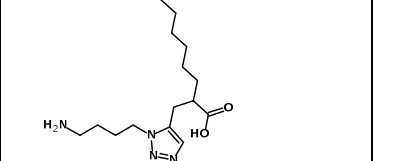
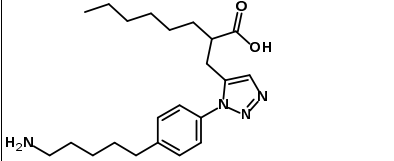
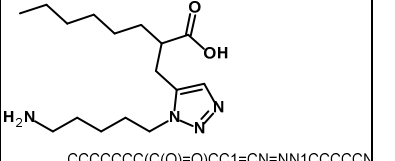
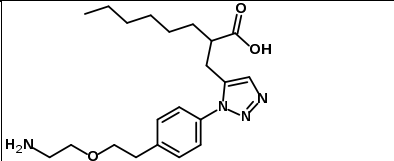
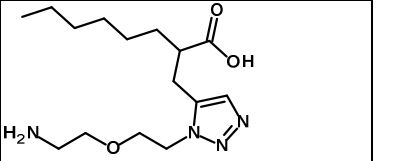
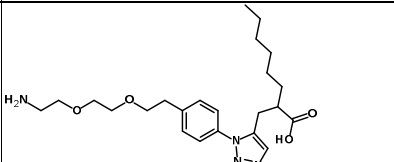
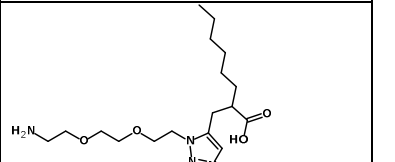
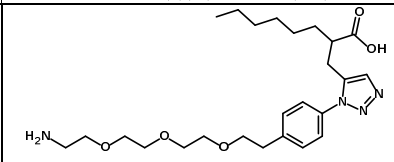
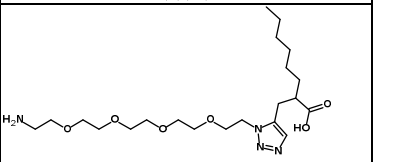
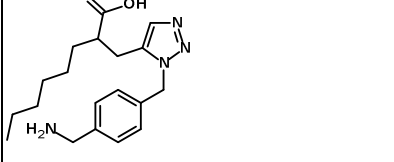
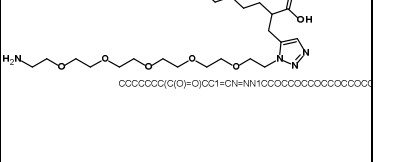
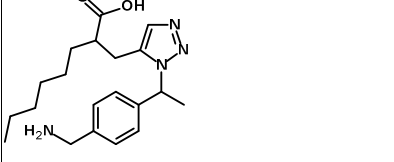
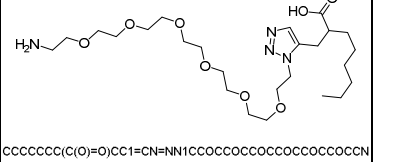
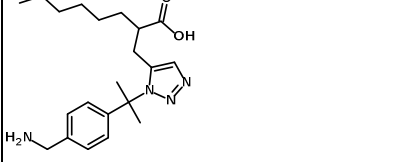
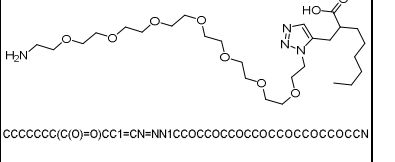
2895	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2903	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2896	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2904	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2897	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2905	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2898	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2906	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2899	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2907	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2900	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2908	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2901	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2909	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>
2902	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C(C=C2)=CC=C2C=CCN</chem>	2910	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCN</chem>

FIGURE 5Z

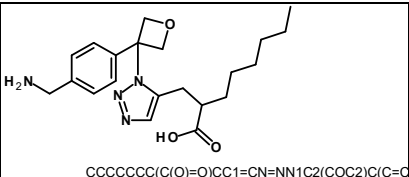
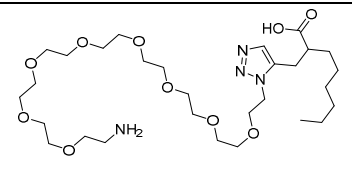
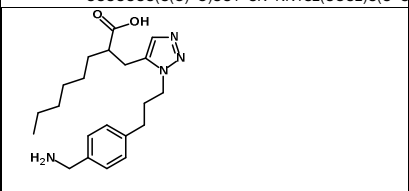
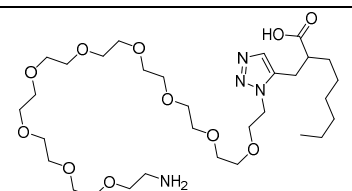
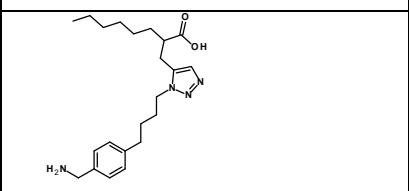
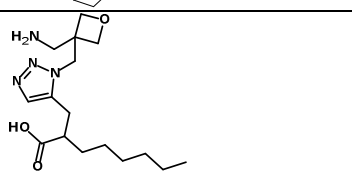
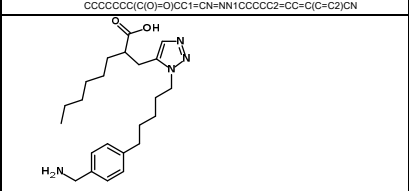
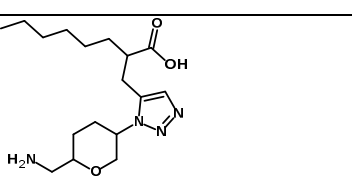
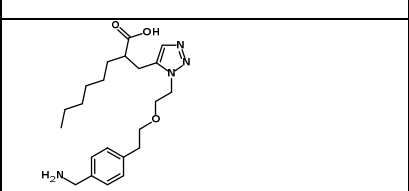
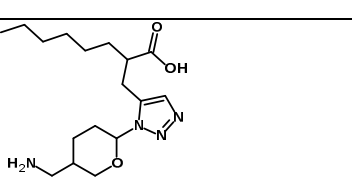
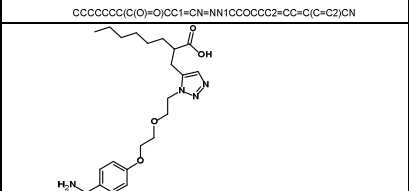
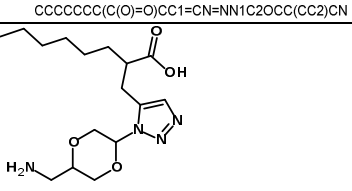
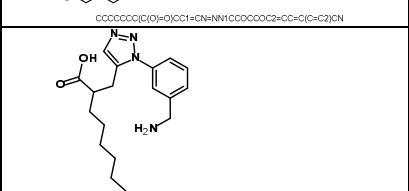
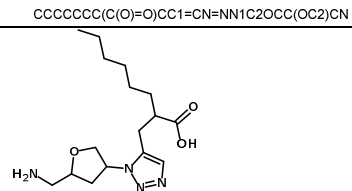
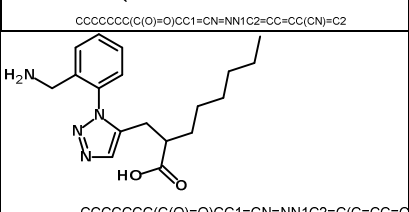
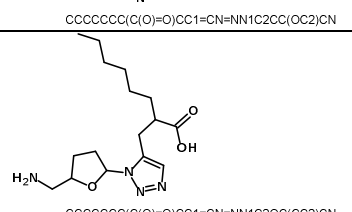
2911	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2(COC2)C(C=C</chem>	2919	
2912		2920	
2913	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCC2=CC=C(C=C2)CN</chem>	2921	
2914		2922	
2915	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCC2=CC=C(C=C2)CN</chem>	2923	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2OCC(CC2)CN</chem>
2916	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1CCCCC2=CC=C(C=C2)CN</chem>	2924	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2OCC(OC2)CN</chem>
2917	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2=CC=C(CN)=C2</chem>	2925	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2OCC(OC2)CN</chem>
2918	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2=C(C=CC=C</chem>	2926	 <chem>CCCCCCC(C(=O)=O)CC1=CN=NN1C2OCC(OC2)CN</chem>

FIGURE 5AA

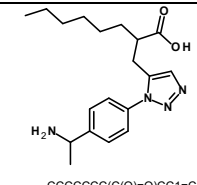
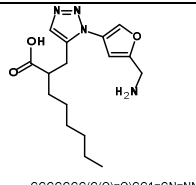
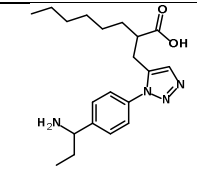
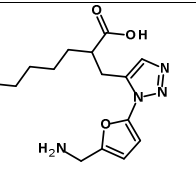
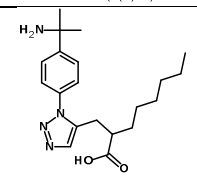
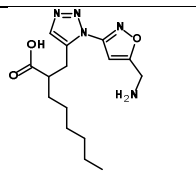
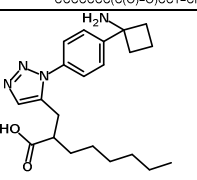
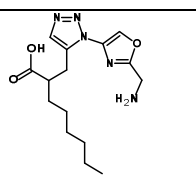
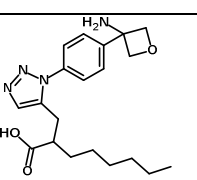
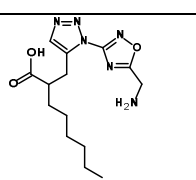
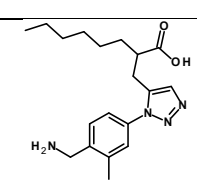
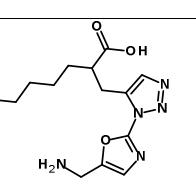
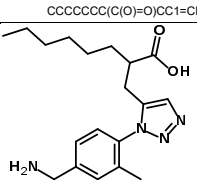
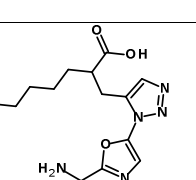
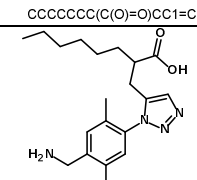
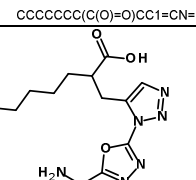
2927	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2935	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2928	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2936	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2929	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2937	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2930	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2938	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2931	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2939	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2932	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2940	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2933	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2941	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>
2934	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC=C(C=C2)C(C)N</chem>	2942	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=COC(CN)=C2</chem>

FIGURE 5BB

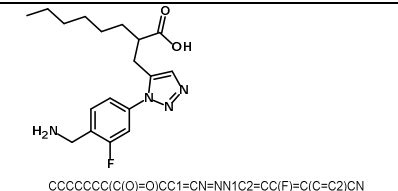
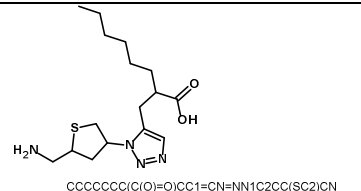
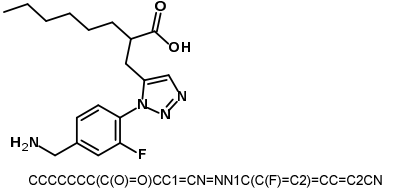
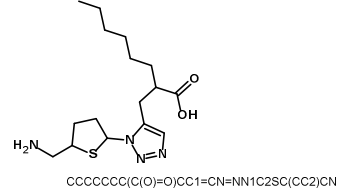
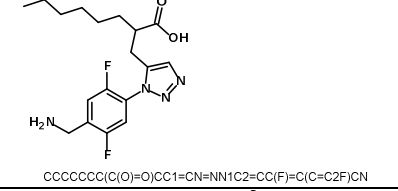
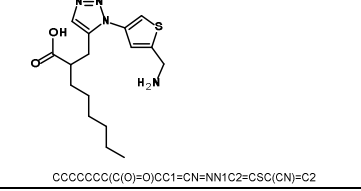
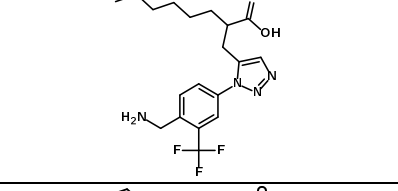
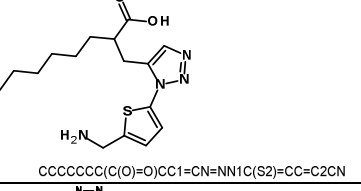
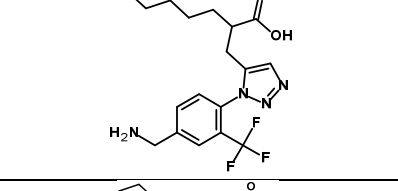
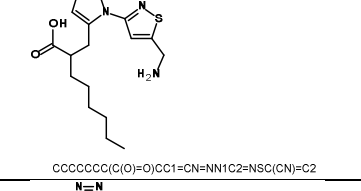
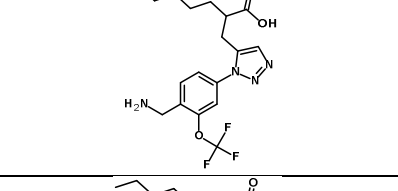
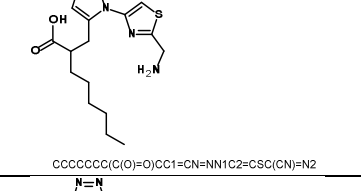
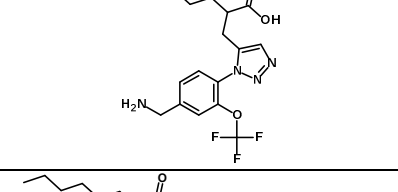
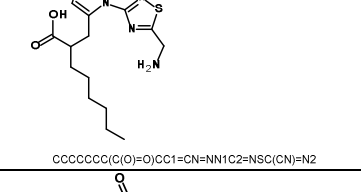
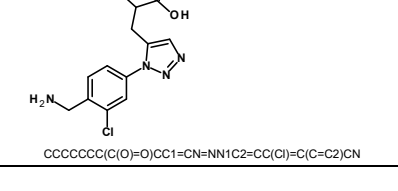
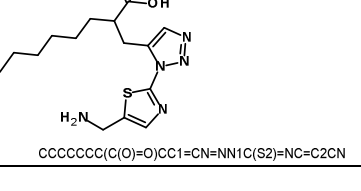
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FIGURE 5CC

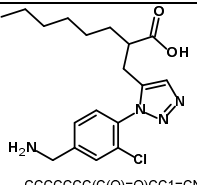
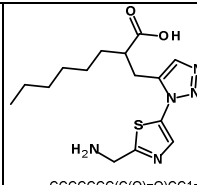
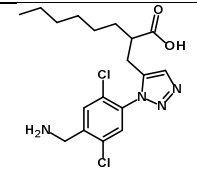
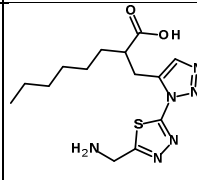
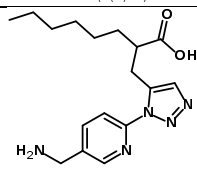
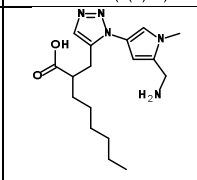
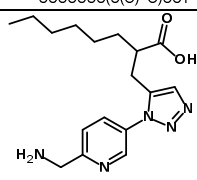
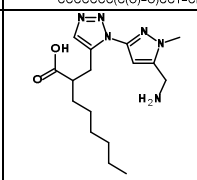
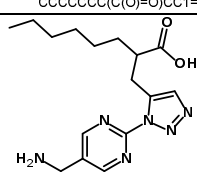
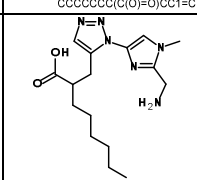
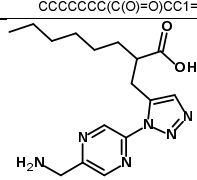
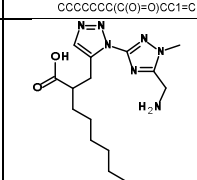
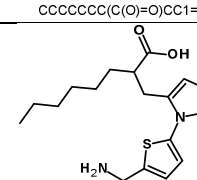
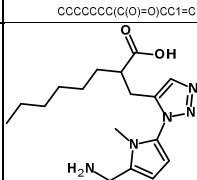
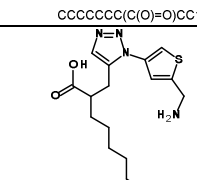
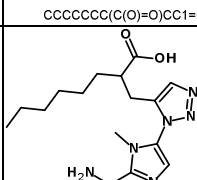
2959	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(C(Cl)=C2)=CC=C2CN</chem>	2967	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(S2)=CN=C2CN</chem>
2960	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC(Cl)=C(C=C2Cl)CN</chem>	2968	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(S2)=NN=C2CN</chem>
2961	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=NC=C(C=C2)CN</chem>	2969	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CN(C)C(CN)=C2</chem>
2962	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CN=C(C=C2)CN</chem>	2970	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=NN(C)C(CN)=C2</chem>
2963	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=NC=C(C=N2)CN</chem>	2971	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CN(C)C(CN)=N2</chem>
2964	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(N=C2)=CN=C2CN</chem>	2972	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=NN(C)C(CN)=N2</chem>
2965	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(S2)=CC=C2CN</chem>	2973	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(N2C)=CC=C2CN</chem>
2966	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CS(CN)=C2</chem>	2974	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CS(CN)=C2</chem>

FIGURE 5DD

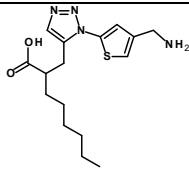
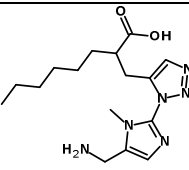
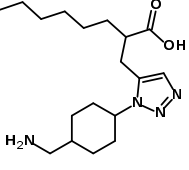
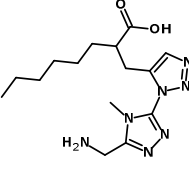
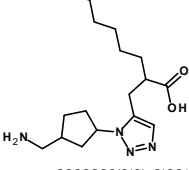
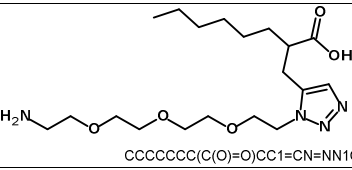
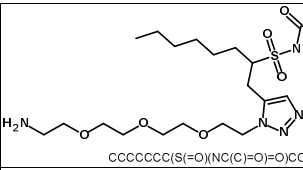
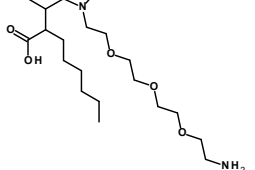
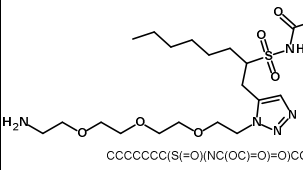
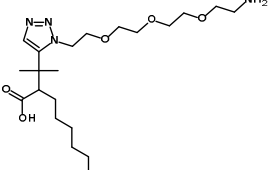
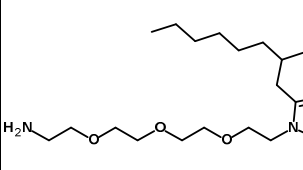
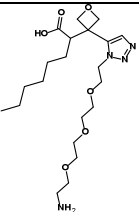
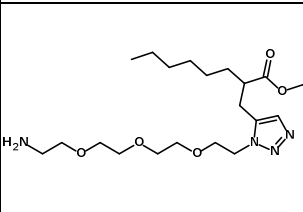
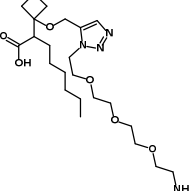
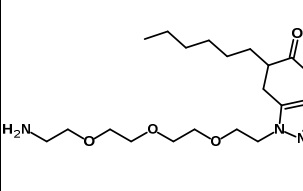
2975	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2=CC(CN)=CS2</chem>	2983	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(N2C)=NC=C2CN</chem>
2976	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2CCC(CC2)CN</chem>	2984	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C(N2C)=NN=C2CN</chem>
2977	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1C2CC(CC2)CN</chem>		
2978	 <chem>CCCCCCC(C(=O)O)CC1=CN=NN1CCOCC</chem>	2985	 <chem>CCCCCCC(S(=O)(=O)NC(C)=O)CC1=CN=NN1</chem>
2979	 <chem>CCCCCCC(C(C)=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>	2986	 <chem>CCCCCCC(S(=O)(=O)NC(OC)=O)CC1=CN=NN1</chem>
2980	 <chem>CCCCCCC(C(C)C)C1=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>	2987	 <chem>CCCCCCC(C(C)C)C1=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>
2981	 <chem>CCCCCCC(C(C)C)C1=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>	2988	 <chem>CCCCCCC(C(C)C)C1=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>
2982	 <chem>CCCCCCC(C(C)C)C1=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>	2989	 <chem>CCCCCCC(C(C)C)C1=CN=NN1CCOCCOCCOCCN)C(C)C(=O)O</chem>

FIGURE 5EE

[illegible]

FIGURE 5FF

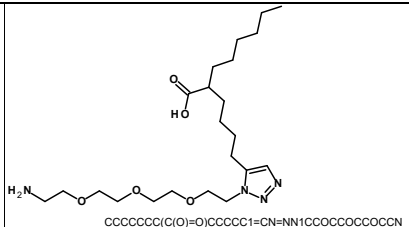
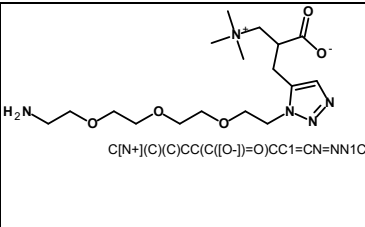
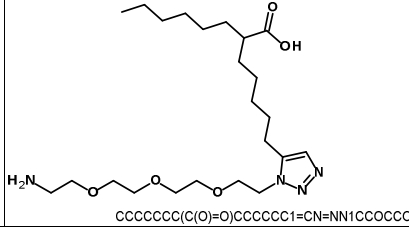
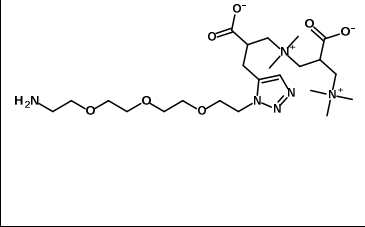
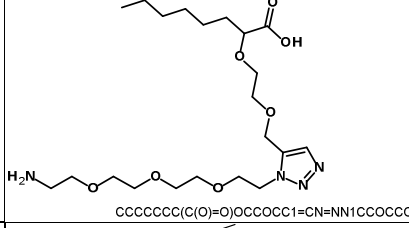
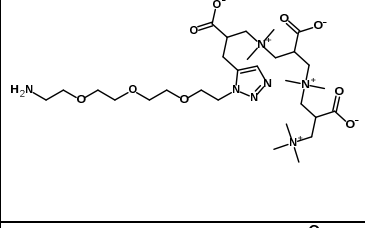
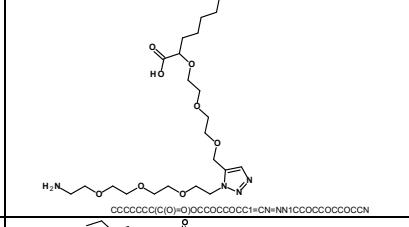
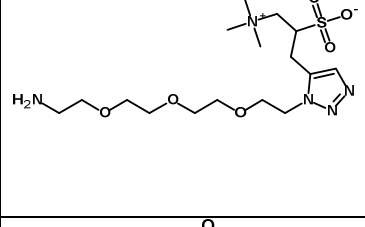
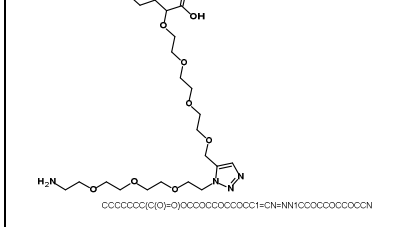
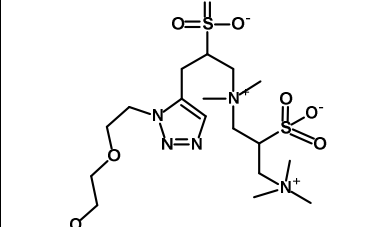
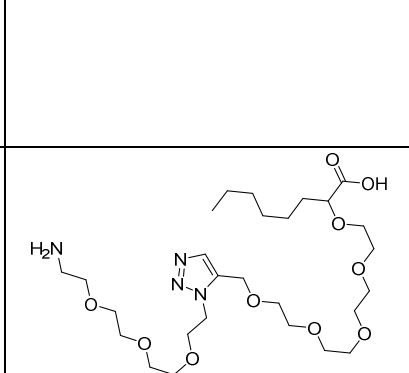
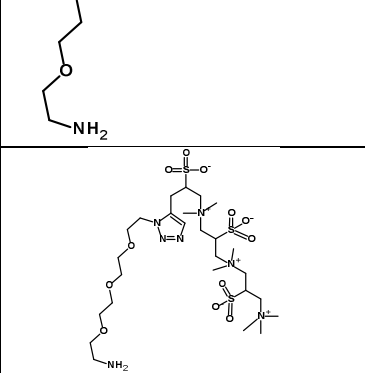
3006	 <chem>CCCCCCC(C(=O)O)CCCCC1=CN=NN1CCOCCOCCOCCN</chem>	3012	 <chem>C[N+](C)(C)CC(C([O-])=O)CC1=CN=NN1C</chem>
3007	 <chem>CCCCCCC(C(=O)O)CCCCC1=CN=NN1CCOCCO</chem>	3013	
3008	 <chem>CCCCCCC(C(=O)O)OCCOCC1=CN=NN1CCOCCO</chem>	3014	
3009	 <chem>CCCCCCC(C(=O)O)OCCOCCOCC1=CN=NN1CCOCCOCCOCCN</chem>	3015	
3010	 <chem>CCCCCCC(C(=O)O)OCCOCCOCCOCC1=CN=NN1CCOCCOCCOCCOCCN</chem>	3016	
3011		3017	

FIGURE 5GG

[illegible]

FIGURE 5HH

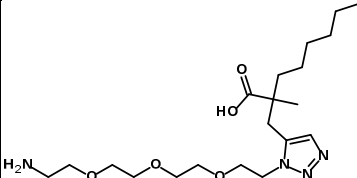
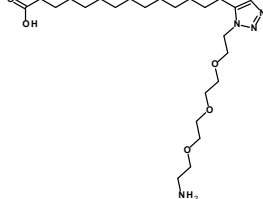
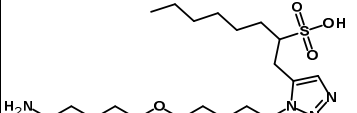
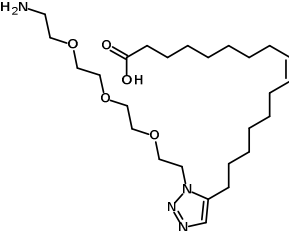
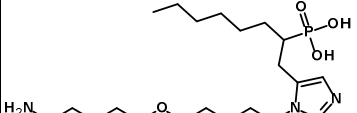
3032	 <chem>CCCCCCC(C)(C(=O)O)CC1=CN=NN1CCOCCOCCOCCN</chem>	3035	 <chem>OC(CCCCCCCCCCCCCC1=CN=NN1CCOCCOCCOCCN)=O</chem>
3033	 <chem>CCCCCCC(S(=O)(=O)O)CC1=CN=NN1CCOCCOCCOCCN</chem>	3036	 <chem>OC(CCCCCC/C=C\CCCCC1=CN=NN1CCOCCOCCOCCN)=O</chem>
3034	 <chem>CCCCCCC(P(=O)(O)O)CC1=CN=NN1CCOCCOCCOCCN</chem>		

FIGURE 6A

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FIGURE 6B

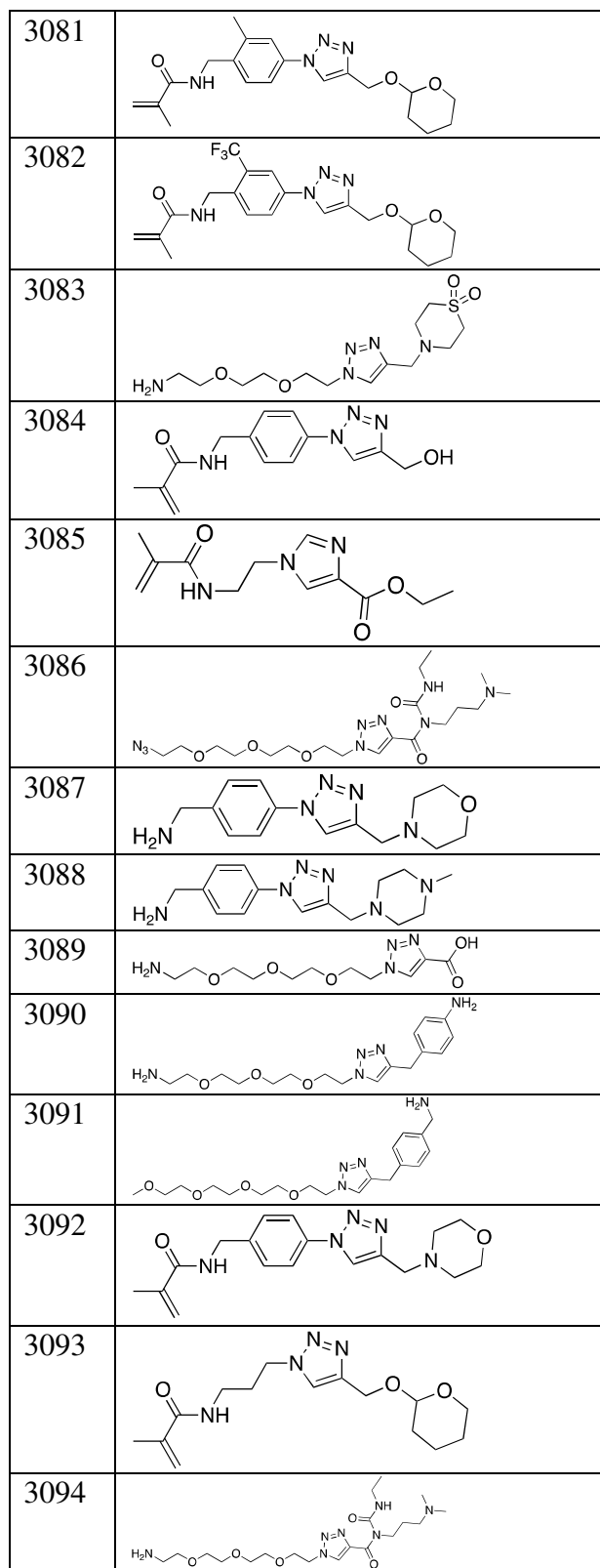
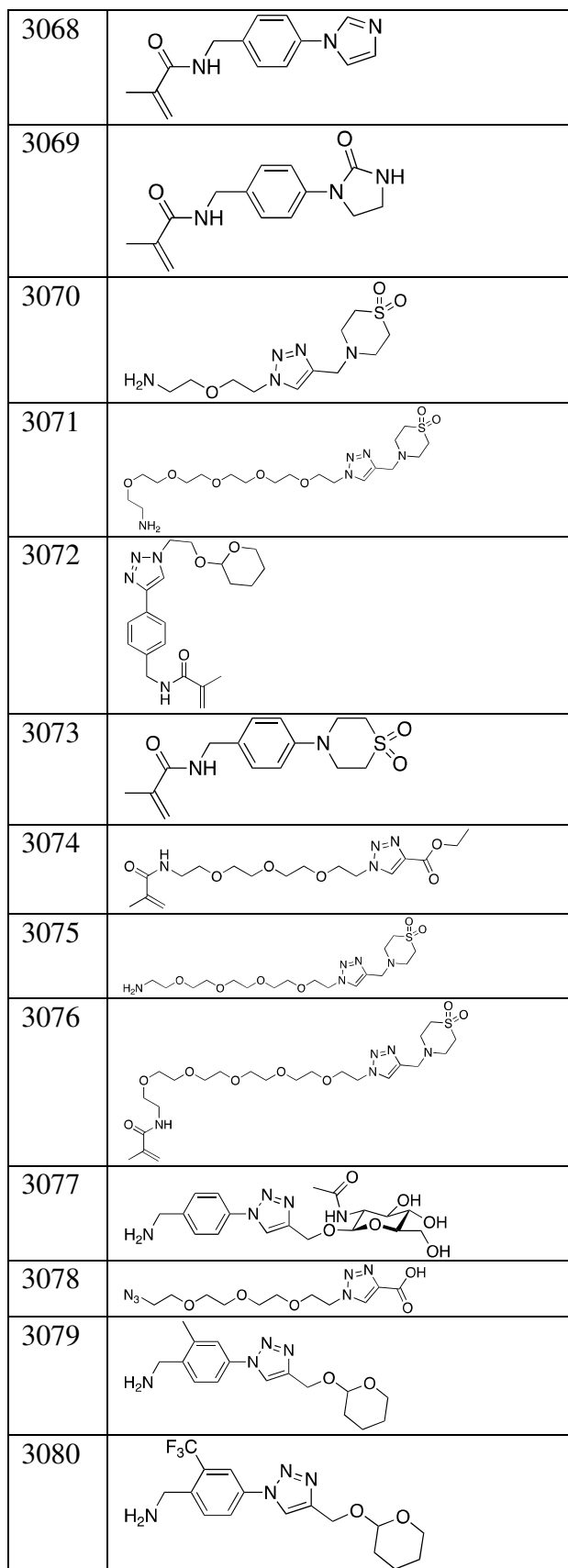


FIGURE 6C

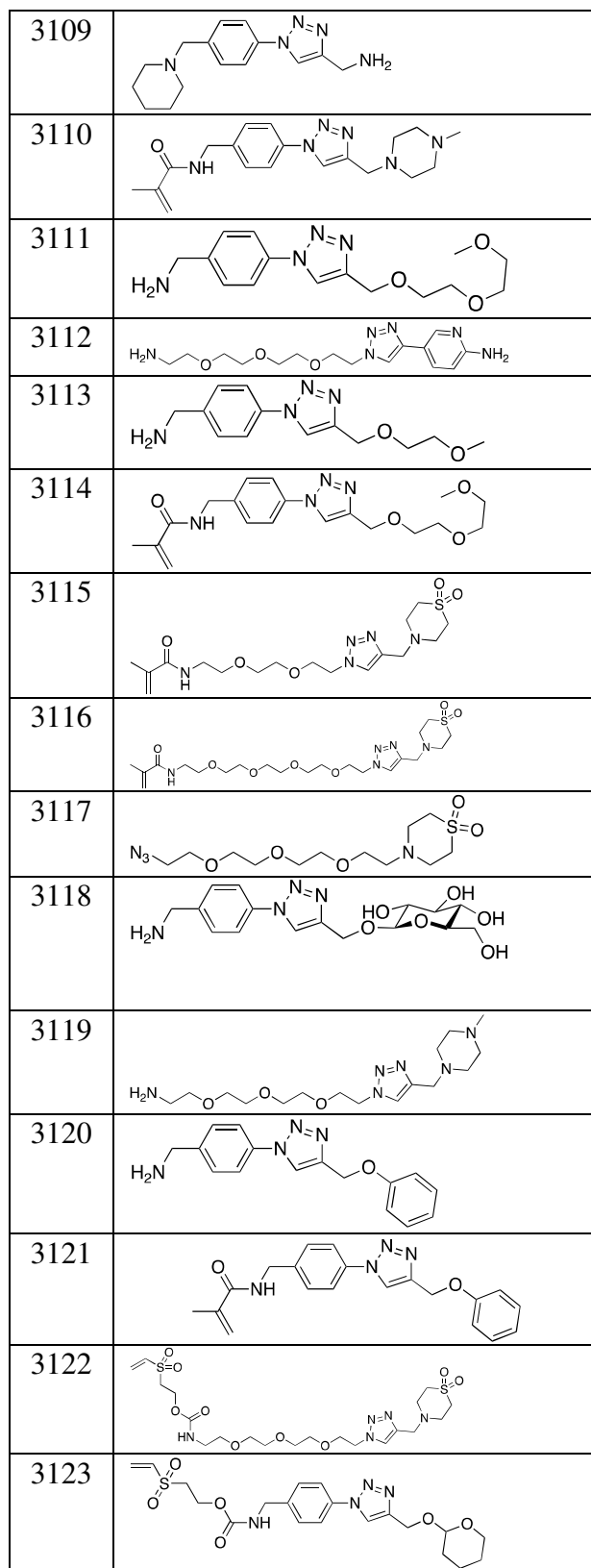
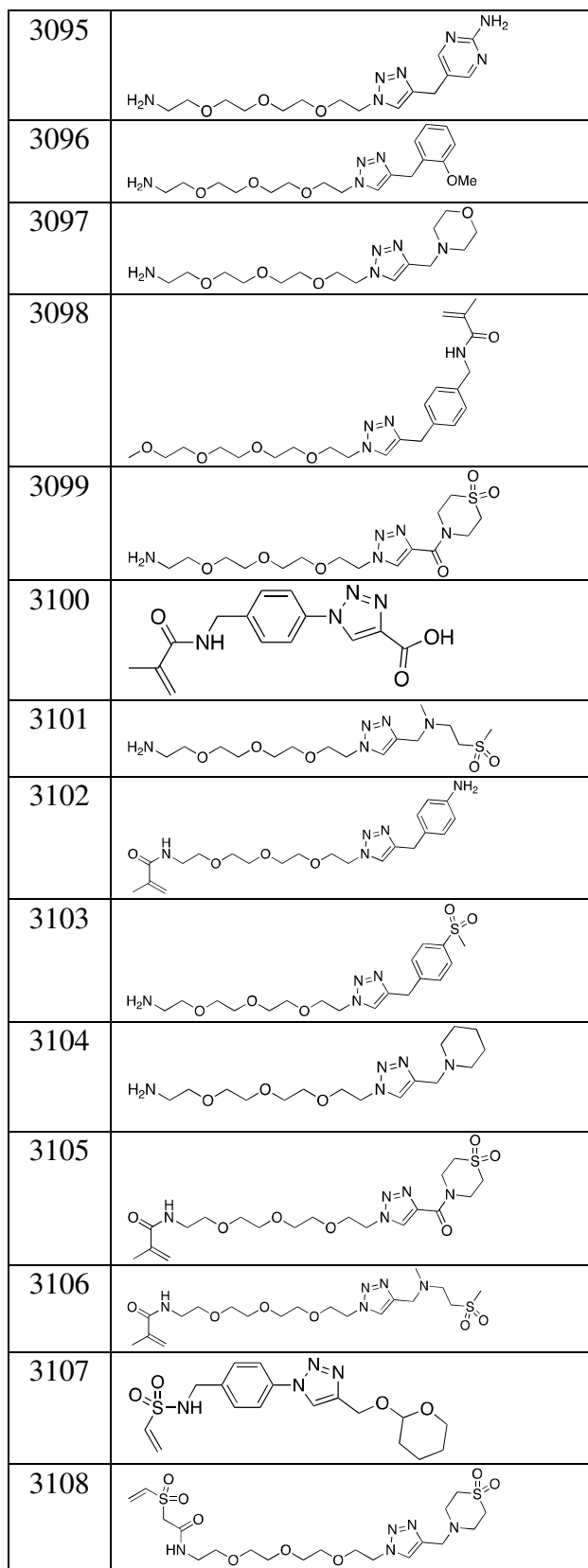


FIGURE 6D

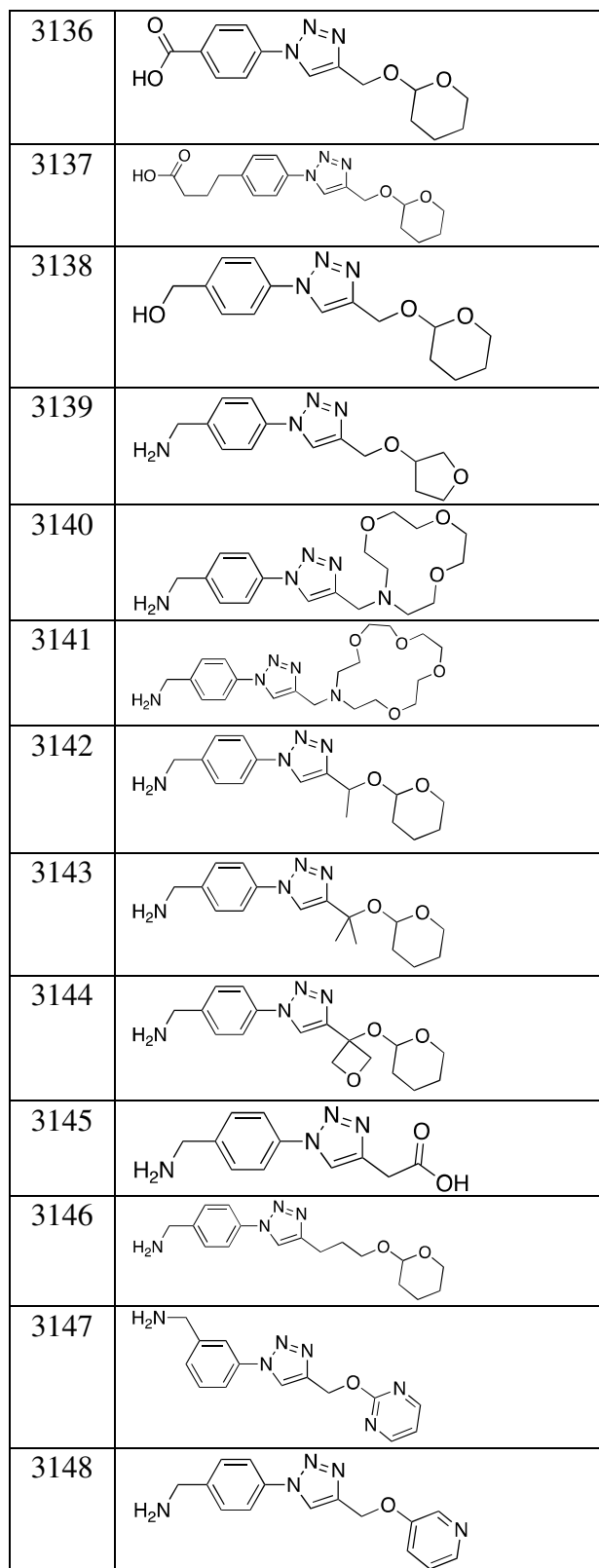
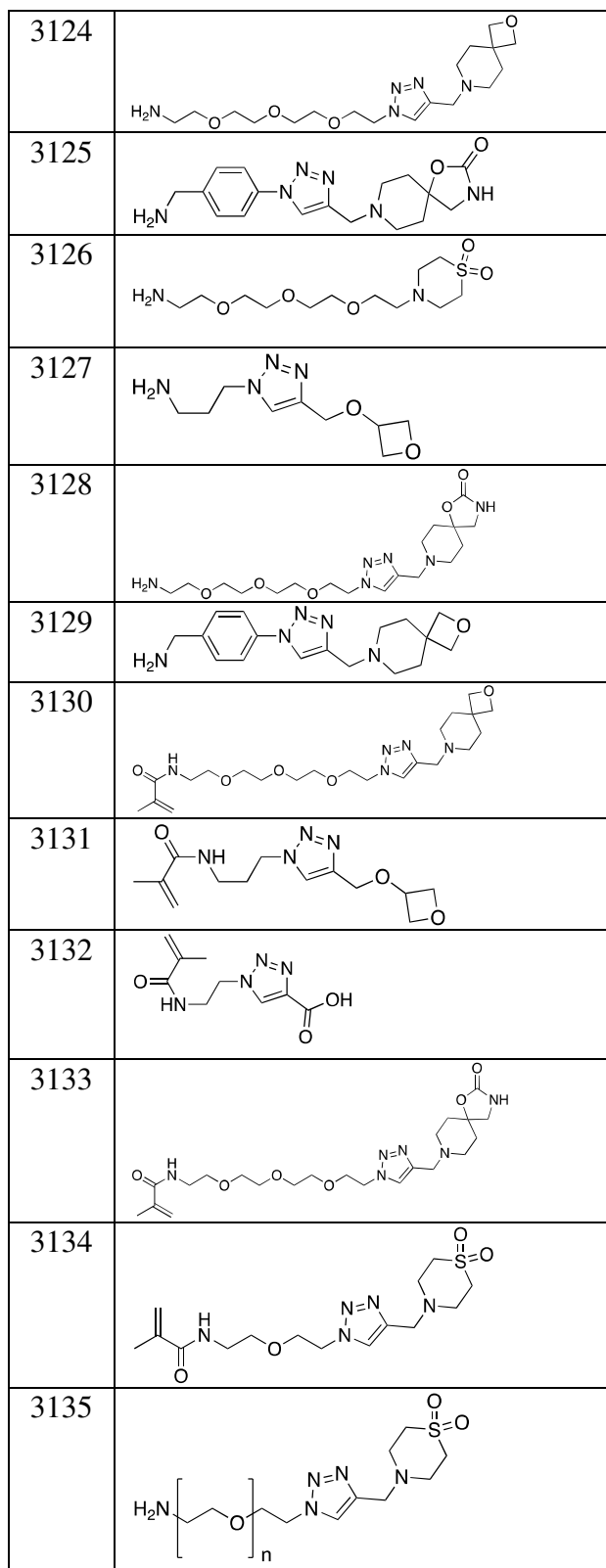


FIGURE 6E

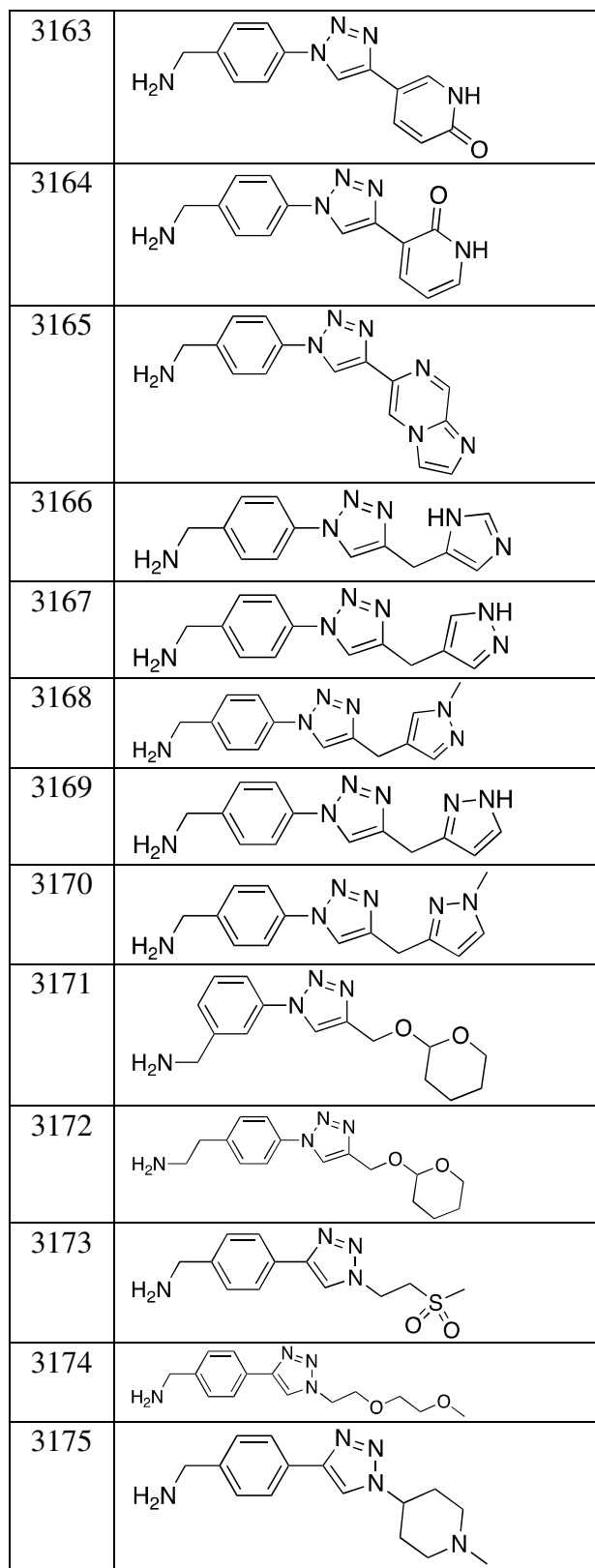
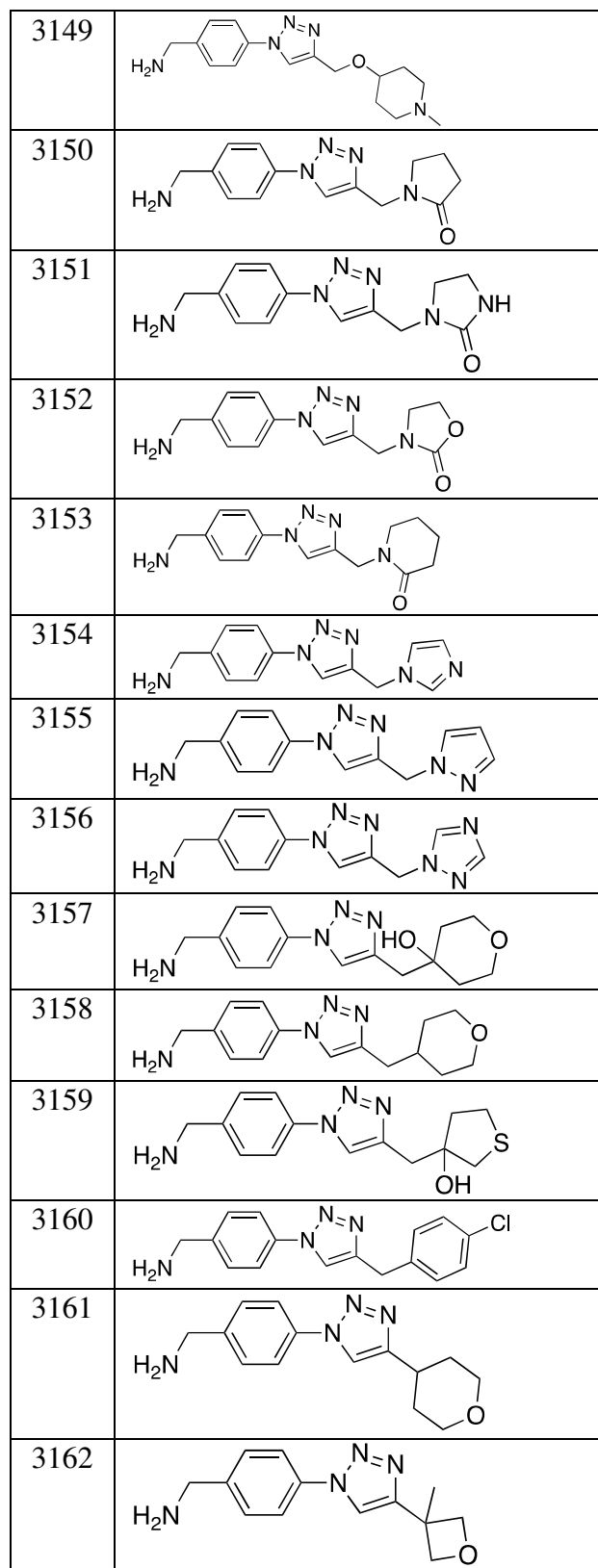


FIGURE 6F

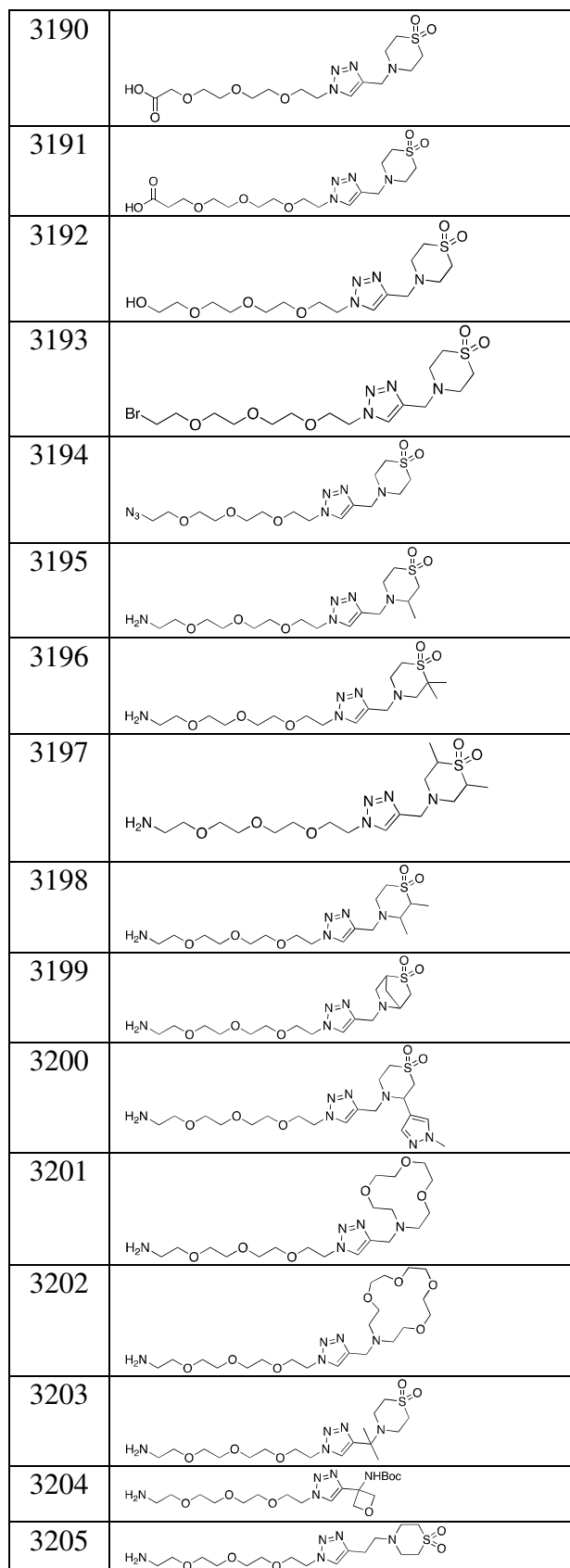
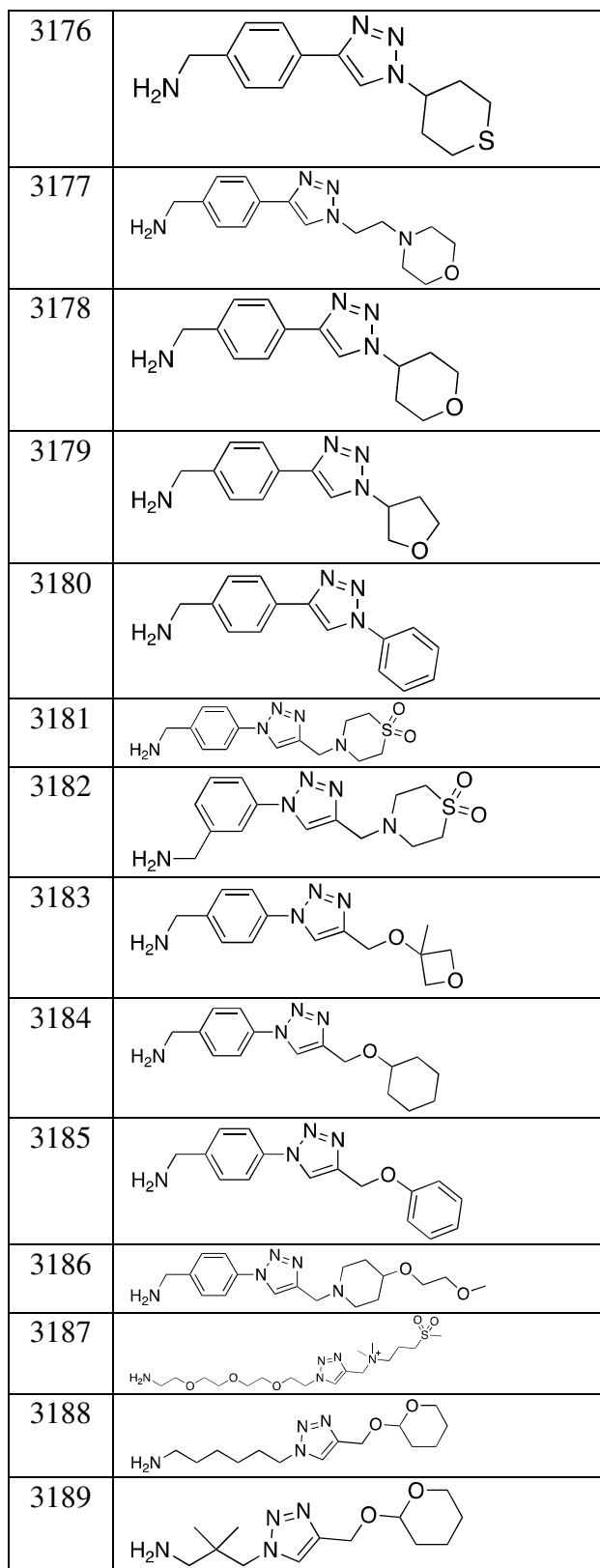
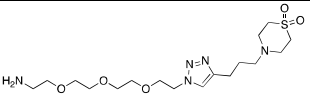
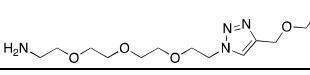
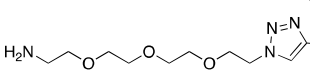
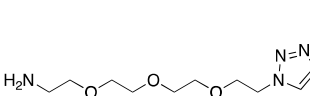
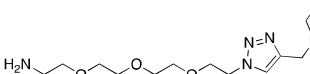
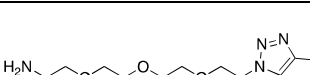
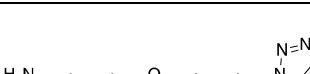
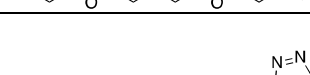
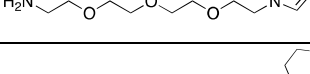
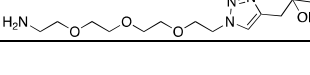
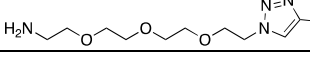
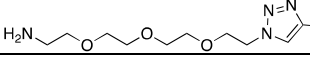
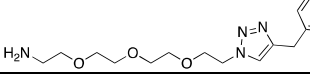
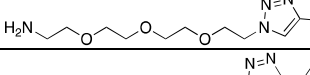
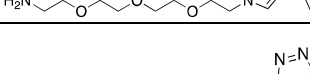
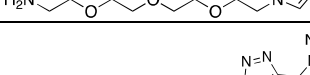
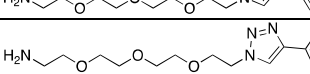
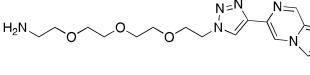
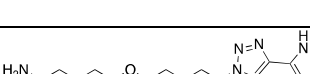
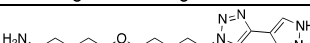


FIGURE 6G

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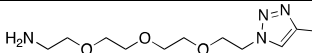
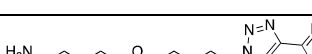
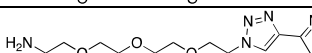
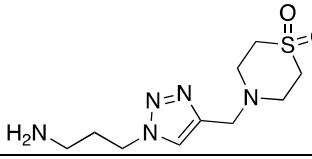
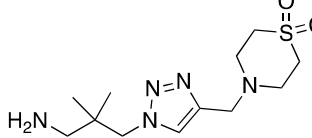
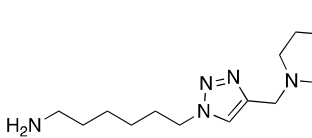
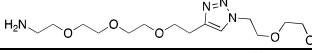
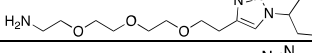
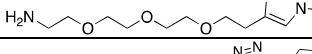
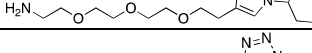
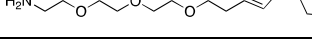
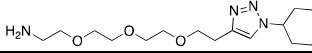
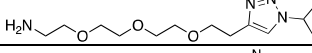
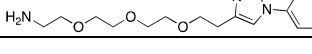
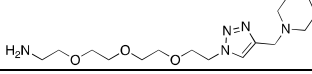
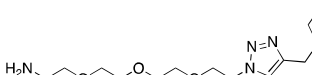
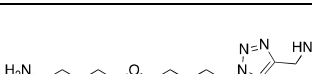
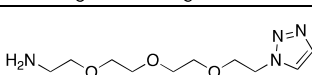
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FIGURE 6H

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FIGURE 6I

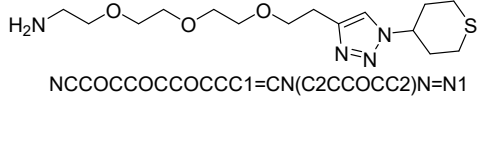
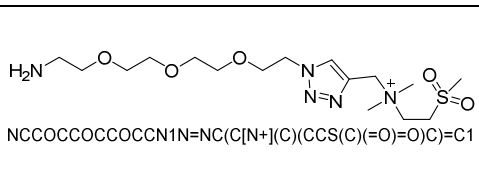
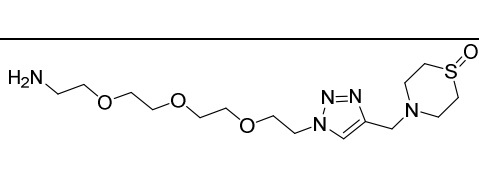
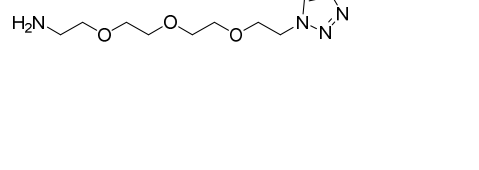
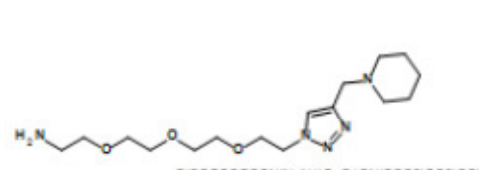
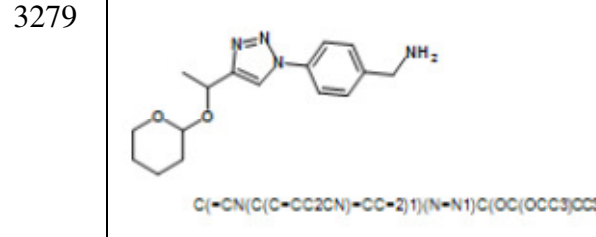
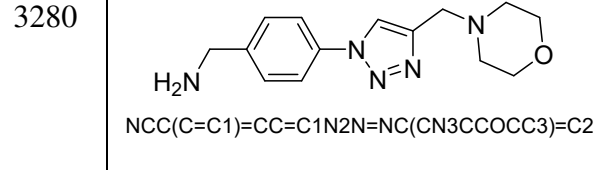
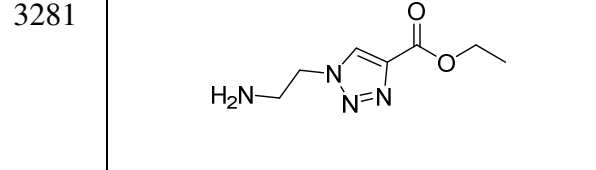
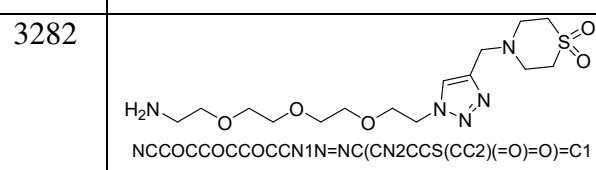
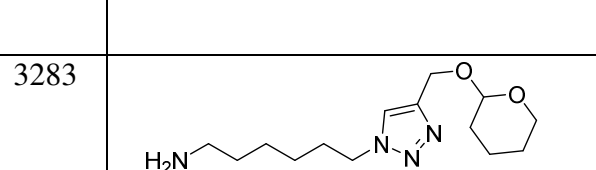
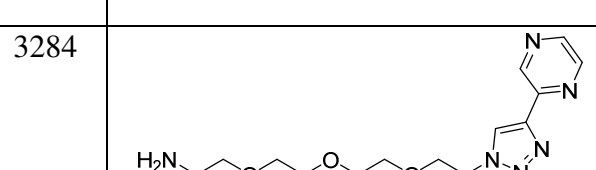
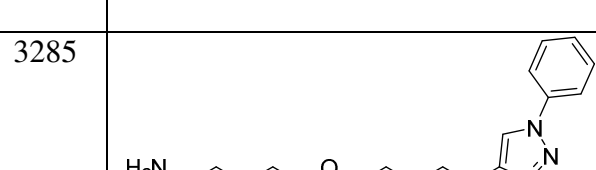
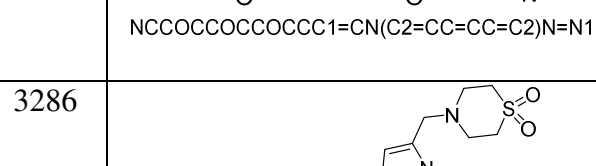
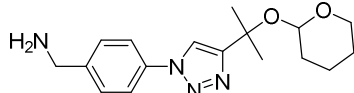
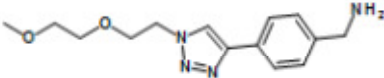
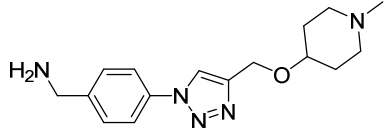
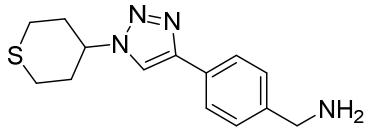
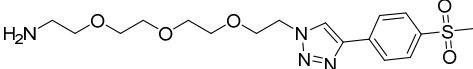
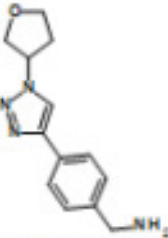
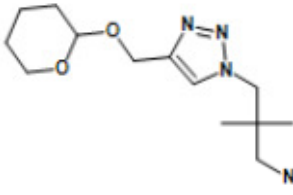
3273	 <chem>NCCOCCOCCOCCOCC1=CN(C2CCOCC2)N=N1</chem>
3274	 <chem>NCCOCCOCCOCCN1N=NC(C[N+](C)(C)CCS(C)(=O)=O)C=C1</chem>
3275	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C2CCSC2)N1</chem>
3276	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C2CCN(C2)C(=O)OC)N1</chem>
3277	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C2CCSC2)N1</chem>
3278	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C(=O)OCC)N1</chem>
3279	 <chem>C(=CN(C(C=CC2CN)=CC=2)1)(N=N1)C(OC(CCC3)CC3)CC3</chem>
3280	 <chem>NCC(C=C1)=CC=C1N2N=NC(CN3CCOCC3)=C2</chem>
3281	 <chem>NCC(C=C1)=CC=C1N2N=NC(CN3CCOCC3)=C2</chem>
3282	 <chem>NCCOCCOCCOCCN1N=NC(C2CCS(C2)(=O)=O)C=C1</chem>
3283	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C2CCSC2)N1</chem>
3284	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C2CCSC2)N1</chem>
3285	 <chem>NCCOCCOCCOCCOCCN1=CN=C(C2CCSC2)N1</chem>
3286	 <chem>O=S(CCN1CC2=CN(N=N2)CCOCCOCCOCCOCCOCCN)(CC1)=O</chem>

FIGURE 6J

3287	 <chem>NCC(C=C1)=CC=C1N2N=NC(C(C)(C)OC3CCCCO3)=C2</chem>
3288	 <chem>C(C(=N1)C(C=CC2N)=CC=2)N(N1)COCCOC</chem>
3290	 <chem>NCC(C=C1)=CC=C1N2N=NC(COC3CCN(C)CC3)=C2</chem>
3292	 <chem>NCC(C=C1)=CC=C1C(N=N2)=CN2C3CCSCC3</chem>
3293	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=C(S(=O)(=O)C=C2)=C1</chem>
3294	 <chem>O(CO1)C(C1)N(C=CC2(C=CC3CN)=CC=3)N=C2</chem>
3295	 <chem>CC(CN)(CN(N=N1)C=C1COC(CCC2)OC2)C</chem>

[illegible]

FIGURE 6K

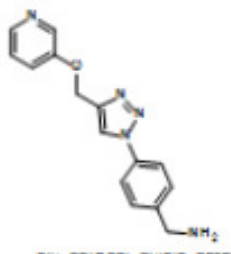
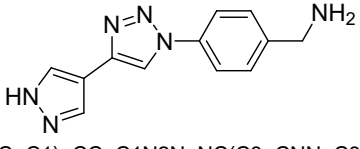
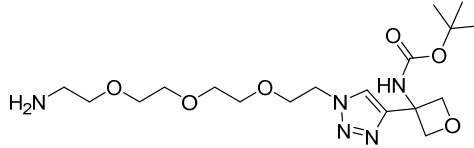
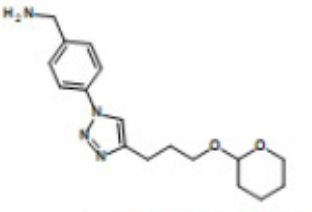
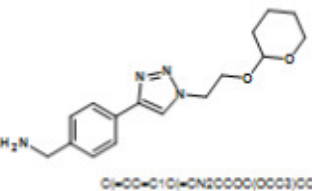
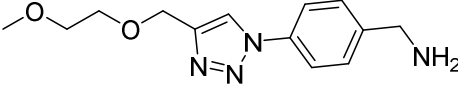
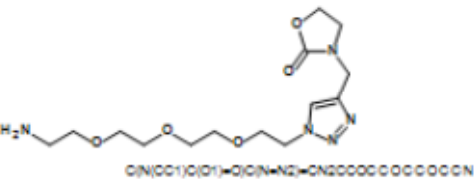
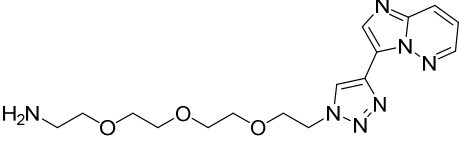
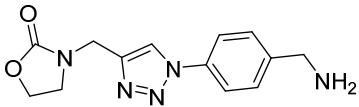
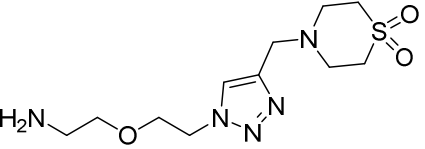
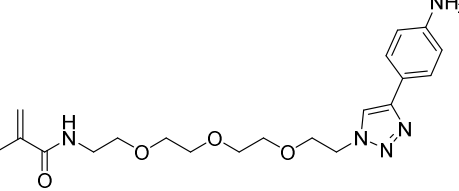
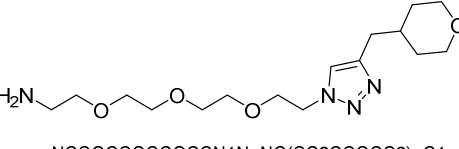
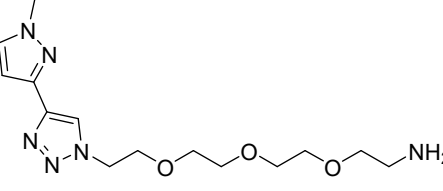
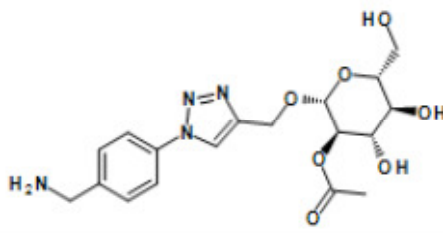
3303	 <chem>C1=CC=C(C=C1)C2=NC3=CC=C(C=C3)N=C2C4=CC=C(C=C4)N</chem>
3304	 <chem>NCC(C=C1)=CC=C1N2N=NC(C3=CC=CC=C3)=C2</chem>
3305	 <chem>NCCOCCN1N=NC(CN2CCS(CC2)(=O)=O)=C1</chem>
3306	 <chem>O1C=CC(=C1)C2=CC=CC=C2N=C2C3=CC=CC=C3N</chem>
3307	 <chem>O1=CC=C(C=C1)C2=CC=CC=C2N=C2C3=CC=CC=C3N</chem>
3308	 <chem>COCCOCC1=CC=CC=C1N2N=NC(C3=CC=CC=C3)=C2</chem>
3309	 <chem>O1=CC=C(C=C1)C2=CC=CC=C2N=C2C3=CC=CC=C3N</chem>
3310	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CC=C2N2N=CC=C3)=C1</chem>
3311	 <chem>NCC(C=C1)=CC=C1N2N=NC(CN3C(OCC3)=O)=C2</chem>
3312	 <chem>NCCOCCN1N=NC(CN2CCS(CC2)(=O)=O)=C1</chem>
3313	 <chem>CC(=O)NCCOCCOCCOCCOCCN1N=NC(C2=CC=CC=C2N2N=CC=C3)=C1</chem>
3315	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CC=C2N2N=CC=C3)=C1</chem>
3316	 <chem>NCCOCCOCCOCCN1N=NC(C2=CC=CC=C2N2N=CC=C3)=C1</chem>
3317	 <chem>O1=CC=C(C=C1)C2=CC=CC=C2N=C2C3=CC=CC=C3N</chem>

FIGURE 6L

3318	<chem>OCCOCOCOCOCOCNC1=CN=C(C2C(O)CCCOC2)=NN1</chem>
3319	<chem>NCCOCCOCCOCCN1N=NC(N=C2)=CN3C2=NC=C3)=C1</chem>
3320	<chem>C(C(=CC=C1C(=CN2C(CCO3)CC3)N=N2)C=C1)N</chem>
3321	<chem>NCC(C=C1)=CC=C1N2N=NC(CC3=CC=C(Cl)C=C3)=C2</chem>
3322	<chem>NCC(C=C1)=CC=C1N2N=NC(C3=CN(C)N=C3)=C2</chem>
3323	<chem>OCCCCCCCCN(N=N1)C=C1C(=CN=C2)N=N2)CCN</chem>
3324	<chem>NCC(C=C1)=CC=C1N2N=NC(CC(O)=O)=C2</chem>
3325	<chem>NCC(C=C1)=CC=C1N2N=NC(CN3N=CN=C3)=C2</chem>
3326	<chem>C(=CC=C1C(=CN2C(=CC=C3)C=C3)N=N2)(C=C1)CN</chem>
3327	<chem>C=C(C=C1)C(N=C1N(C=C2C(=CC=C3)N=C3)N=N2)C=C1</chem>
3328	<chem>NCCOCCOCCOCCN1N=NC(COCCN2CCS(CC2)(=O)=O)=C1</chem>
3329	<chem>C(=CC=C1N(C=C2OCC(CCO3)CC3)N=N2)(C=C1)CN</chem>

FIGURE 6M

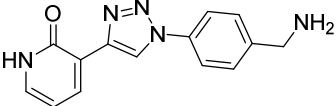
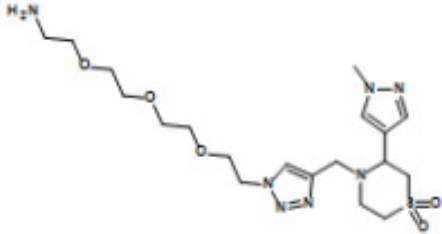
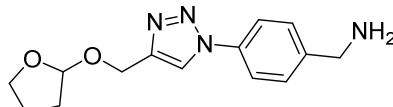
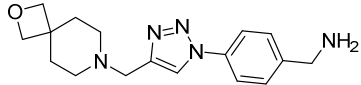
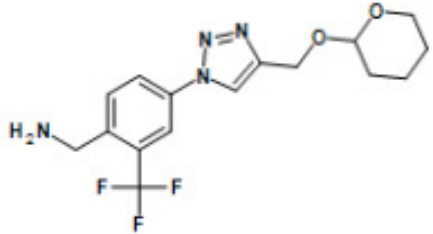
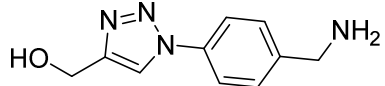
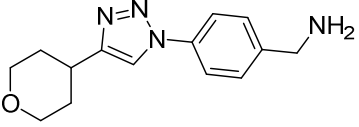
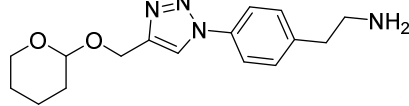
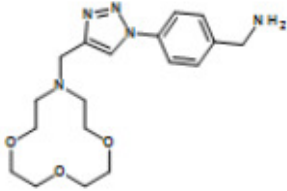
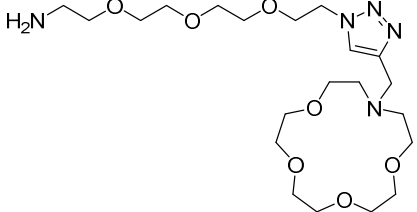
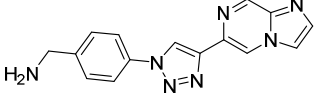
3330	 <chem>NCC(C=C1)=CC=C1N2N=NC(C3=CC=CNC3=O)=C2</chem>
3331	
3332	 <chem>NCC(C=C1)=CC=C1N2N=NC(COC3OCCCC3)=C2</chem>
3333	 <chem>NCC(C=C1)=CC=C1N2N=NC(CN3CCC4(COC4)CC3)=C2</chem>
3334	
3335	 <chem>NCC(C=C1)=CC=C1N2N=NC(CO)=C2</chem>
3336	 <chem>NCC(C=C1)=CC=C1N2N=NC(C3CCOCC3)=C2</chem>
3337	 <chem>NCCC(C=C1)=CC=C1N2N=NC(COC3OCCCC3)=C2</chem>
3338	 <chem>C/N(COCCCC2)COC(CN1C=CC=C3CN)C=C3)N=N1)COC(CO2</chem>
3339	 <chem>NCCOCCOCCOCCN1N=NC(CN2CCOCCOCCOCCOCC2)=C1</chem>
3340	 <chem>NCC(C=C1)=CC=C1N2N=NC(C(N=C3)=CN4C3=NC=C4)=C2</chem>

FIGURE 6N

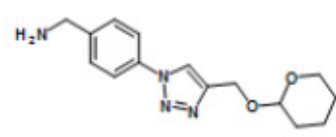
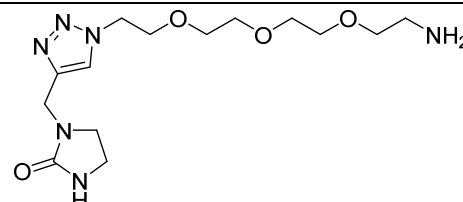
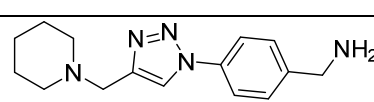
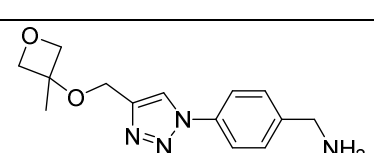
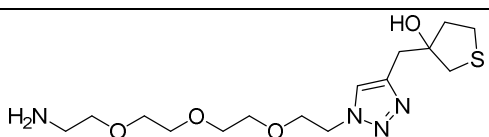
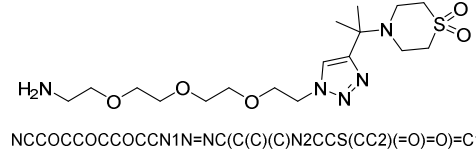
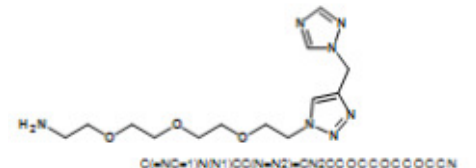
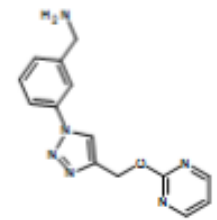
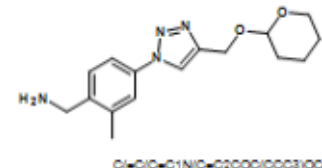
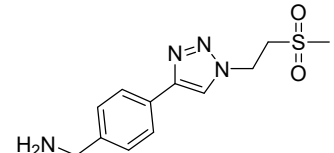
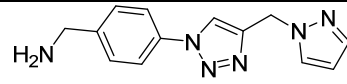
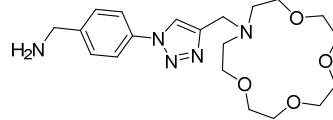
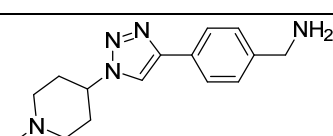
3341	 <chem>NCC1=CC=C(C=C1)C2=NC3=CC=C(C=C3)N=C2C4=CC=C(C=C4)CN</chem>
3342	 <chem>NCC1=CC=C(C=C1)N2C3=CC=C(C=C3)N=C2C4COC(CCC5)OC3O=C1</chem>
3343	 <chem>NCCOCCOCCOCCN1N=NC(C2C(CCC3)OC3O=C2)=C1</chem>
3344	 <chem>NCC(C=C1)=CC=C1N2N=NC(C3CCCCC3)=C2</chem>
3345	 <chem>NCC(C=C1)=CC=C1N2N=NC(COC3(C)COC3)=C2</chem>
3346	 <chem>NCCOCCOCCOCCN1N=NC(C2(O)CSCC2)=C1</chem>
3347	 <chem>NCCOCCOCCOCCN1N=NC(C(C)(C)N2CCS(CC2)(=O)=O)=C1</chem>
3348	 <chem>C1=NC2=CC=C(C=C2)N=CN2C3=CC=C(C=C3)N=C2C4=CC=C(C=C4)CN</chem>
3349	 <chem>NCC1=CC=C(C=C1)C2=NC3=CC=C(C=C3)N=C2C4=CC=C(C=C4)CN</chem>
3350	 <chem>C1=CC=C(C=C1)N2C3=CC=C(C=C3)N=C2C4COC(CCC5)OC3O=C4</chem>
3351	 <chem>NCC(C=C1)=CC=C1C(N2N=NC(C3CCCCC3)=C2)S(=O)(=O)C</chem>
3352	 <chem>NCC(C=C1)=CC=C1N2N=NC(C3C=CC=C3)=C2</chem>
3353	 <chem>NCC(C=C1)=CC=C1N2N=NC(C3CCOCCOCCOCCOCC3)=C2</chem>
3354	 <chem>CN(CC1)CCC1N2N=NC(C3=CC=C(CN)C=C3)=C2</chem>

FIGURE 60

[illegible][illegible]

FIGURE 6P

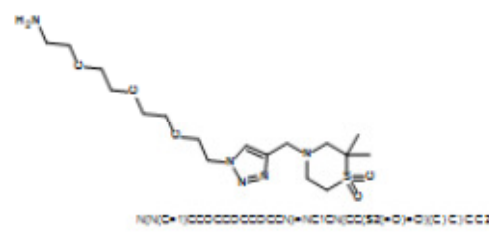
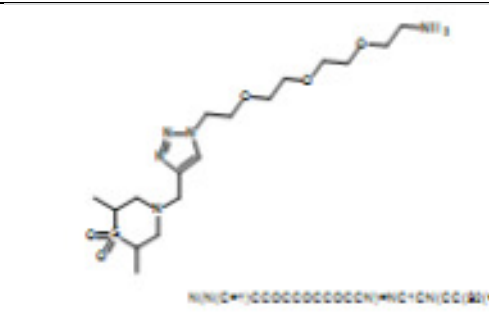
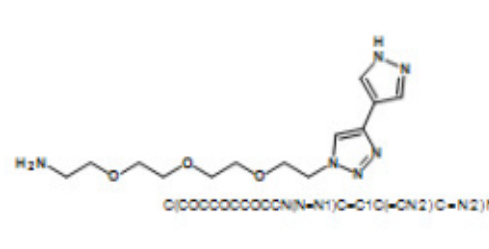
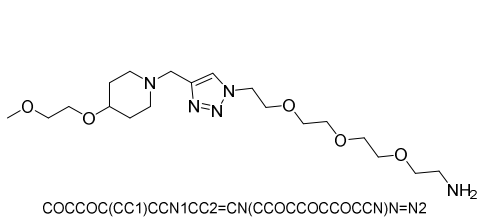
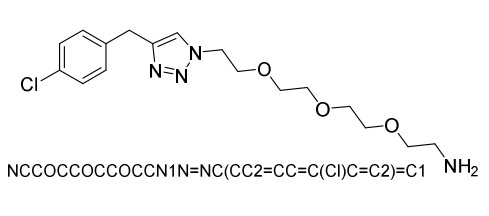
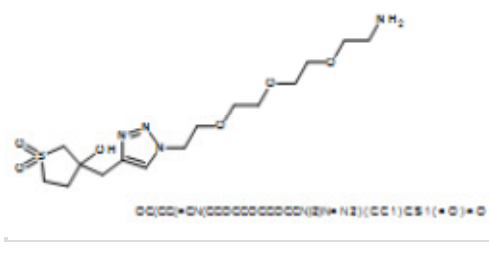
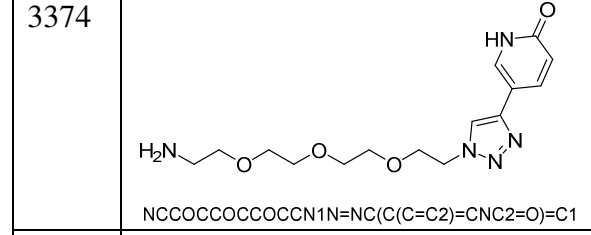
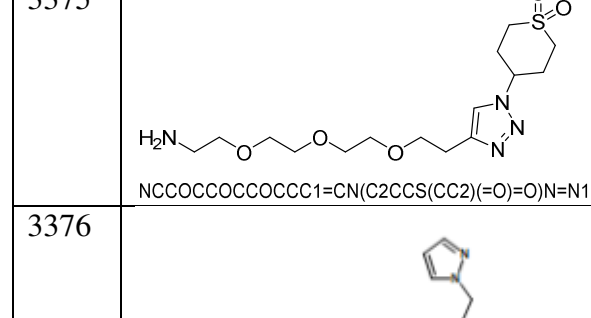
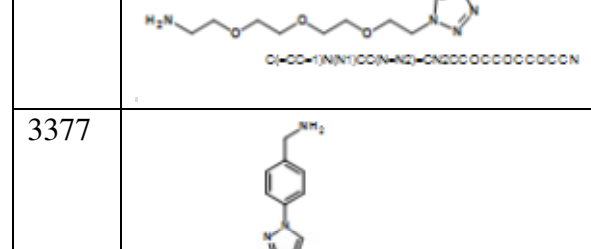
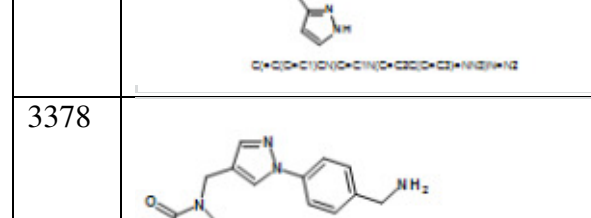
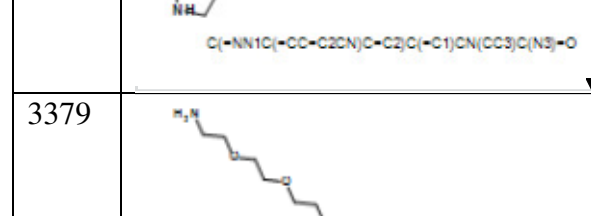
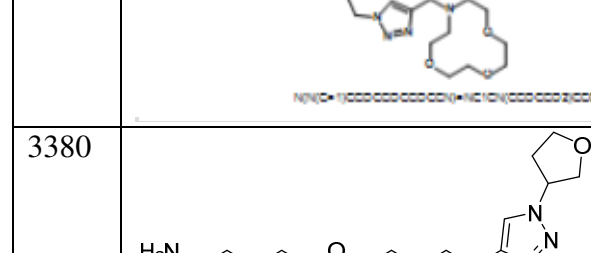
3368	 <chem>N(C1=CCCCCCCCC1C2=CC(=O)N(C2)C(C)C)C3</chem>
3369	 <chem>N(C1=CCCCCCCCC1C2=CC(=O)N(C2)C(C)C)C3</chem>
3370	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3371	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3372	 <chem>N(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3373	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3374	 <chem>N(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3375	 <chem>N(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3376	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3377	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3378	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3379	 <chem>C(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>
3380	 <chem>N(CCCCCCCCCC1N(C1)C(C)C(C)C)C2</chem>

FIGURE 6Q

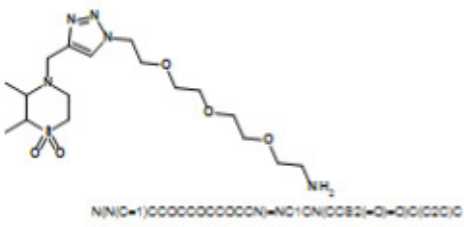
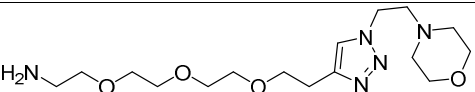
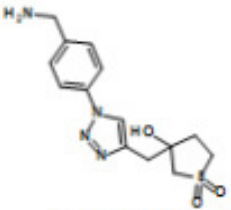
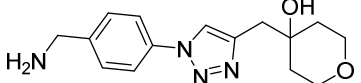
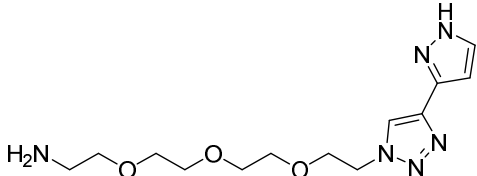
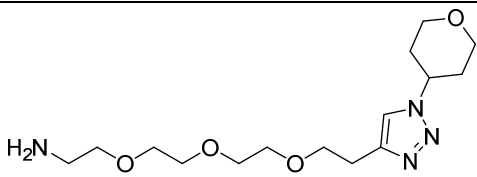
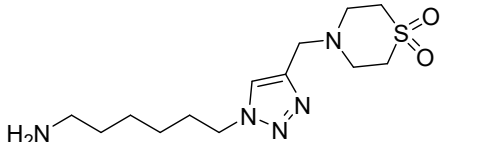
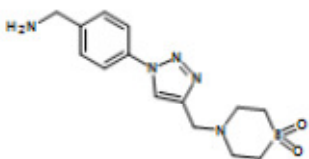
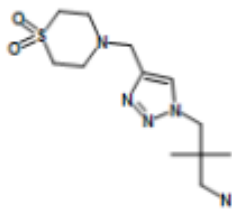
3381	 <chem>N#N[C@H]1CC[C@@H](CN1Cc2nn[nH]2COCCOCCOCCOCCN)COCCOCCOCCOCCN</chem>
3382	 <chem>Nc1ccc(cc1)CN2=CNC=N2</chem>
3383	 <chem>NCCOCCOCCOCCCN1=CN(CCN2CCOCC2)N=N1</chem>
3384	 <chem>N#N1C=CC(=CN1C2=CC=C(C=C2)CN)C3(O)CC(=O)CCC3</chem>
3385	 <chem>NCC(C=C1)=CC=C1N2N=NC(C2CC3(O)CCOCC3)=C1</chem>
3386	 <chem>NCCOCCOCCOCCCN1N=NC(CN2CCCC2=O)=C1</chem>
3387	 <chem>NCCOCCOCCOCCCN1N=NC(C2=NNC=C2)=C1</chem>
3388	 <chem>NCCOCCOCCOCCCN1=CN(C2CCOCC2)N=N1</chem>
3389	 <chem>N#N1C=CC(=CN1Cc2nn[nH]2COCCOCCOCCOCCN)C(=O)N(C)C</chem>
3390	 <chem>O=S(CC1CC2=CN(N=N2)CCCCCN)(CC1)=O</chem>
3391	 <chem>NCC(OCC=C1C=CC(=CN1C2=CC=C(C=C2)CN)C3(=O)CCN3)C</chem>
3392	 <chem>NCC(CN(C=C1CN(CCS2(=O)=O)CC2)N=N1)C</chem>

FIGURE 6R

3393	 <chem>NCCOCCOCCOCCCN1N=NC(CC2(O)CSCC2)=C1</chem>
3394	 <chem>H2NCH2OCH2OCH2OCH2OCH2N1CN=C(CCN2CCS(CC2)(=O)=O)=C1</chem>
3395	 <chem>NCCOCCOCCOCCCN1N=NC(C2CCOCC2)=C1</chem>
3397	 <chem>N#CCCCCCCOCc1nc2ccccc2n1</chem>
3398	 <chem>O=S(=O)(CC1NC=CC=C1)C2=N1C(N=CN1)Cc3ccc(N)cc3</chem>
3399	 <chem>NCC(C=C1)=CC=C1C(N=N2)=CN2CCC3COCCN3</chem>
3400	 <chem>O=S(=O)(CCN1CC2=CN(N=N2)CCCN)(CC1)=O</chem>

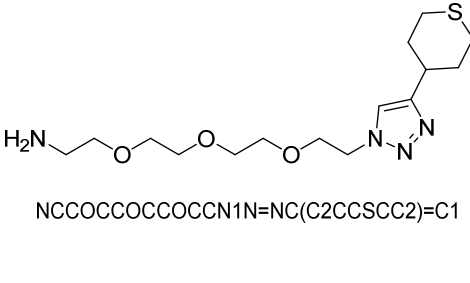
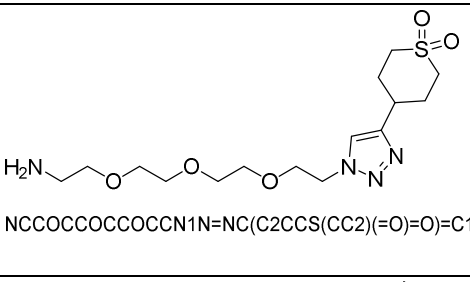
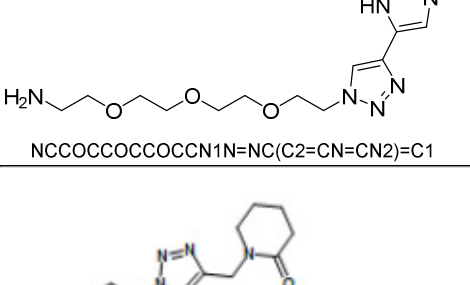
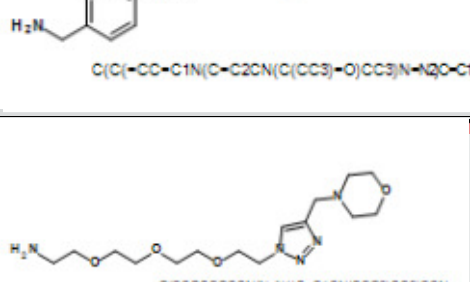
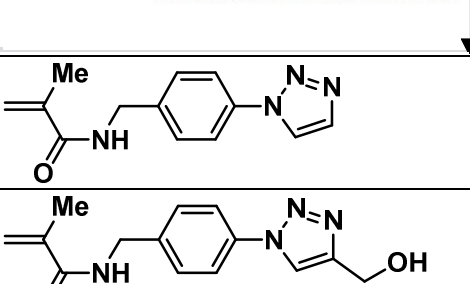
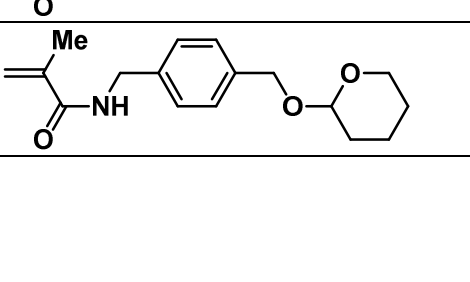
3401	 <chem>NCCOCCOCCOCCOCCN1N=NC(C2CCSCC2)=C1</chem>
3402	 <chem>NCCOCCOCCOCCOCCN1N=NC(C2CCS(C(=O)=O)CC2)=C1</chem>
3403	 <chem>NCCOCCOCCOCCOCCN1N=NC(C2=CN=CN2)=C1</chem>
3404	 <chem>NCc1ccc(cc1)n2cc(CN3CCCCC3)nn2</chem>
3405	 <chem>NCCOCCOCCOCCOCCN1N=NC(C2CCOC2)=C1</chem>
3406	 <chem>CC(=O)NCc1ccc(cc1)n2cc(C)nn2</chem>
3407	 <chem>CC(=O)NCc1ccc(cc1)n2cc(CO)nn2</chem>
3408	<chem>CC(=O)NCc1ccc(cc1)CO2</chem>

FIGURE 6S

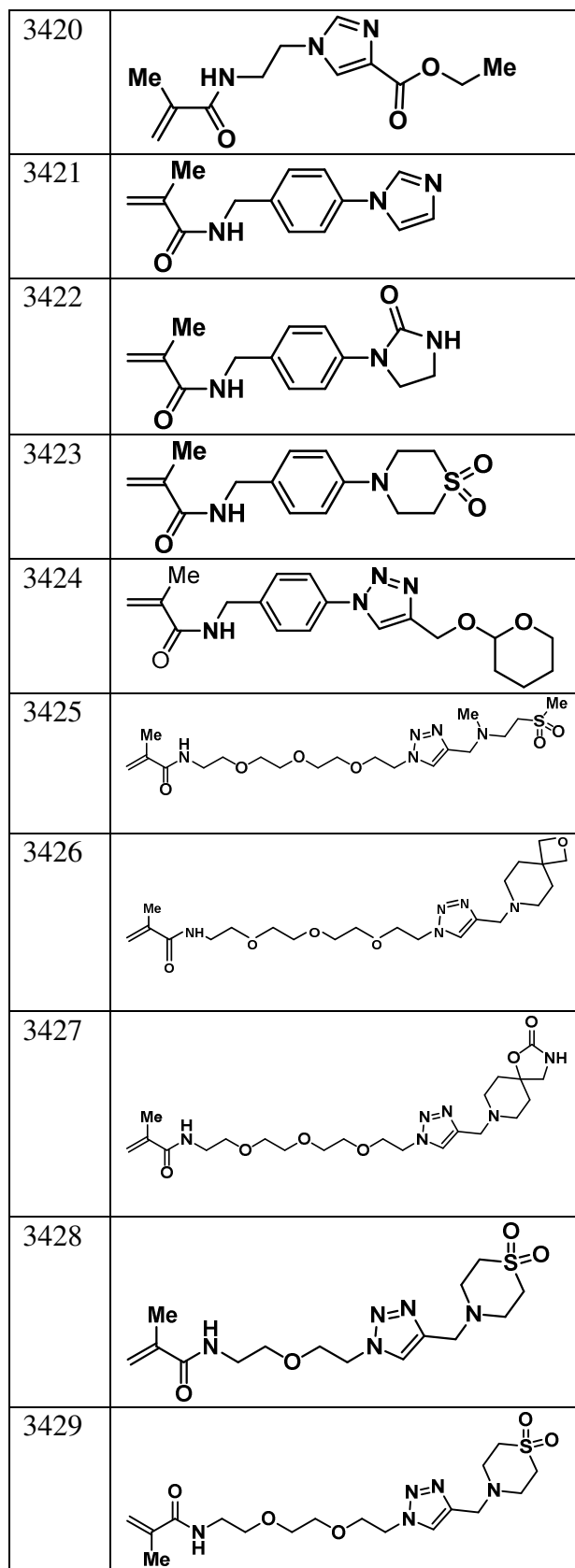
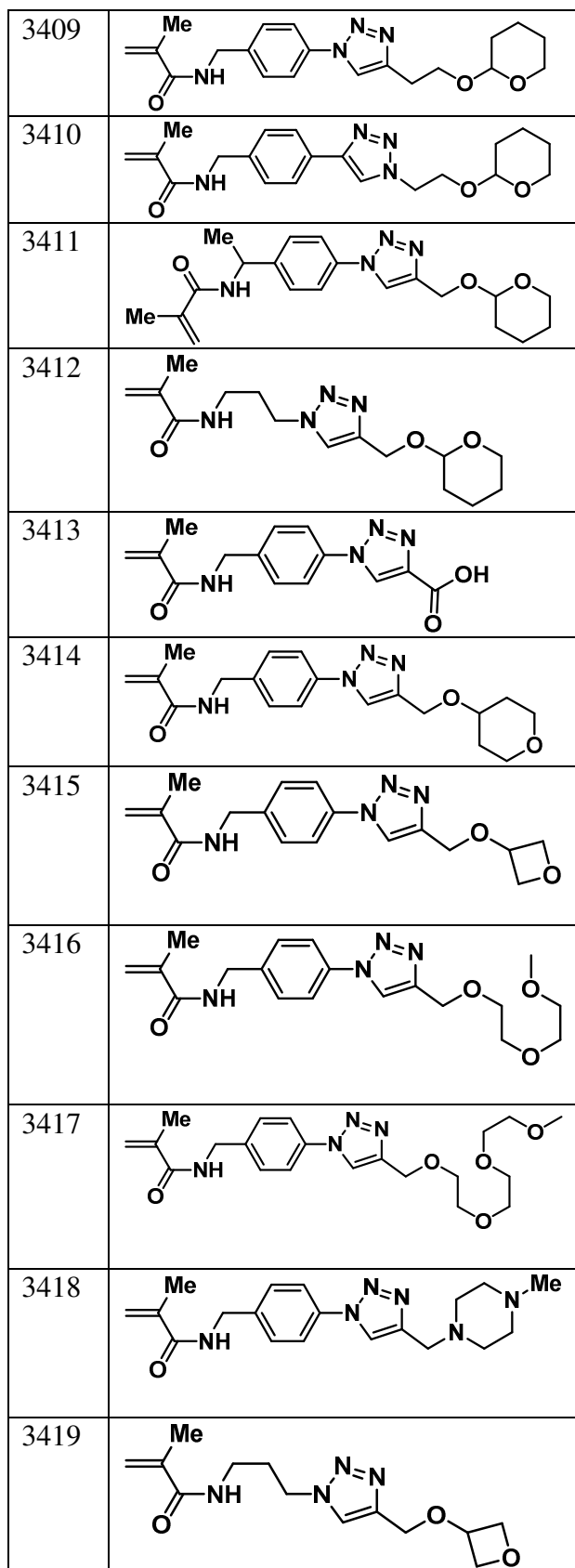


FIGURE 6T

