

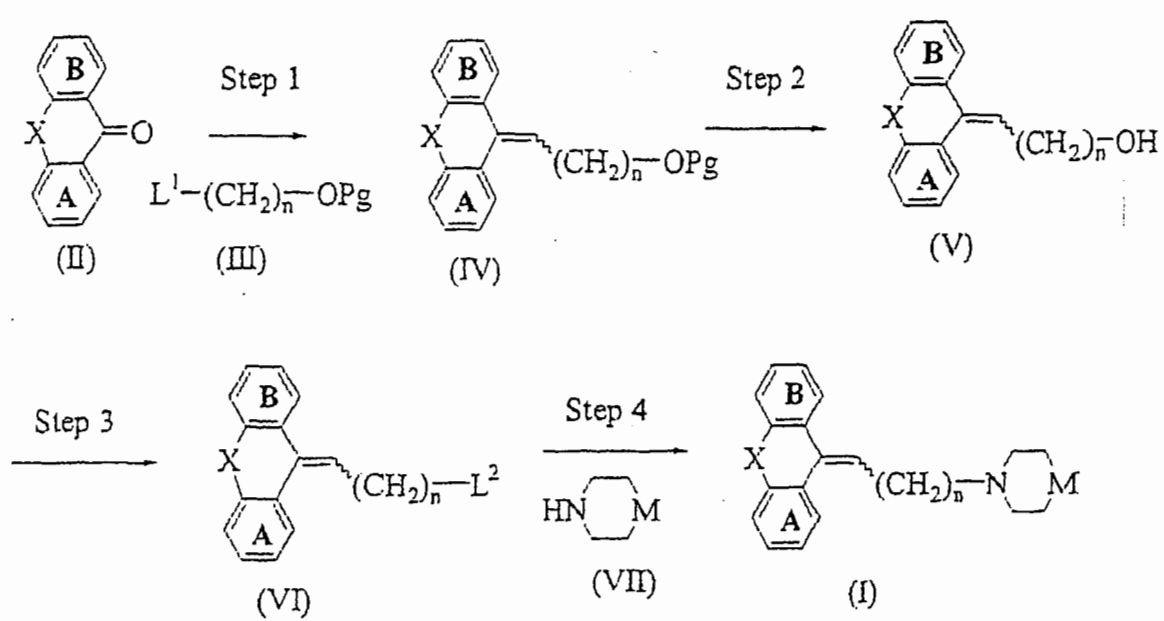


Figure 1

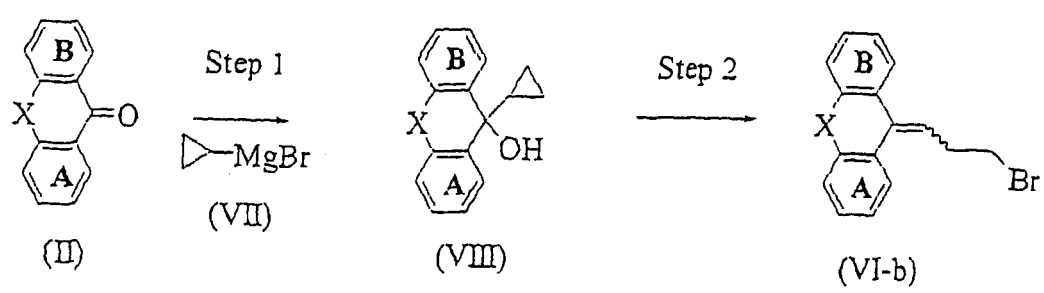


Figure 2

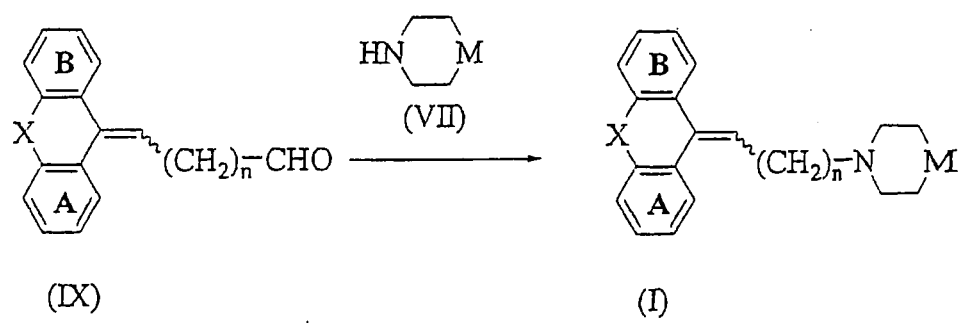


Figure 3

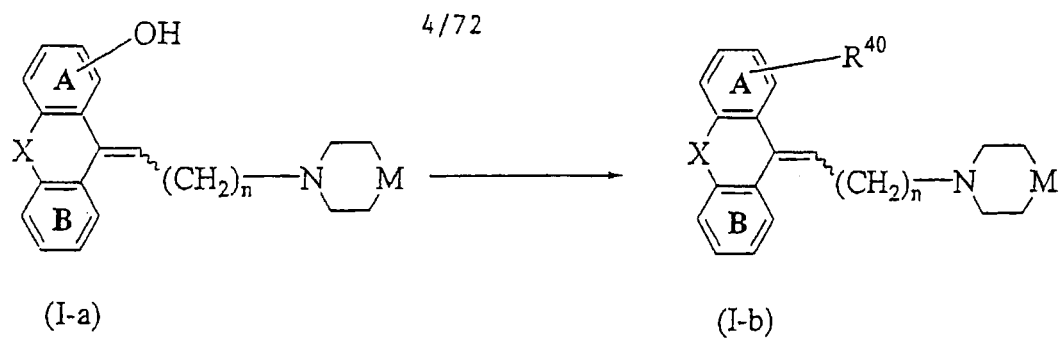


Figure 4

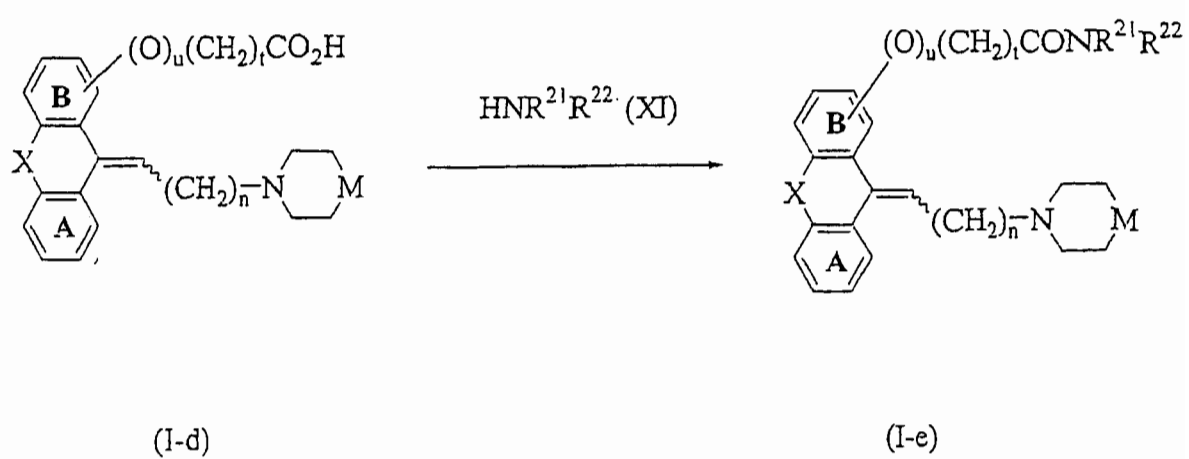
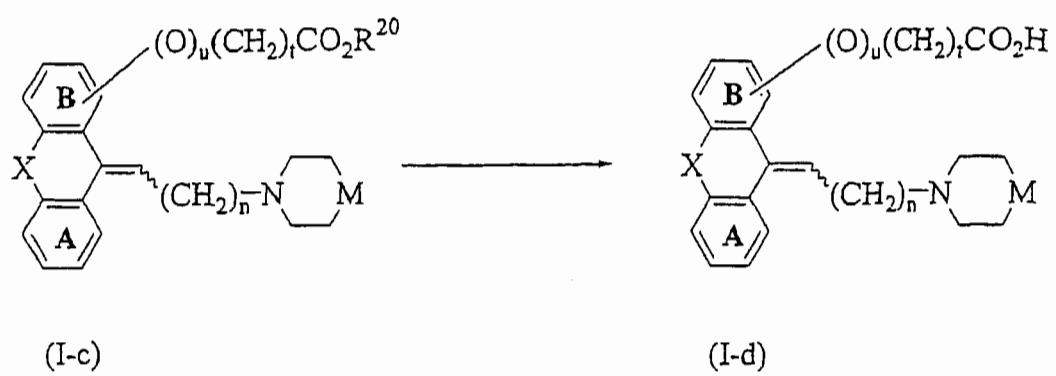
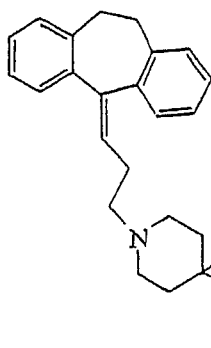
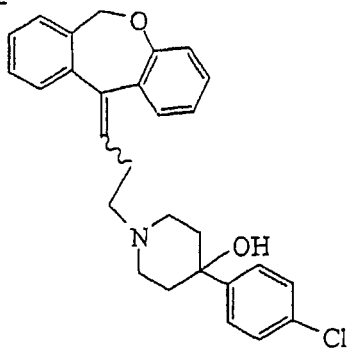


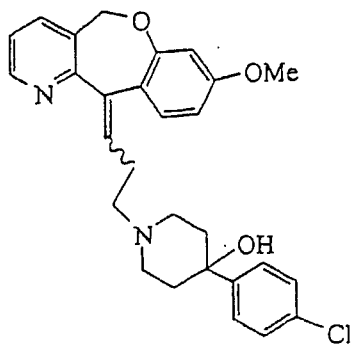
Figure 5



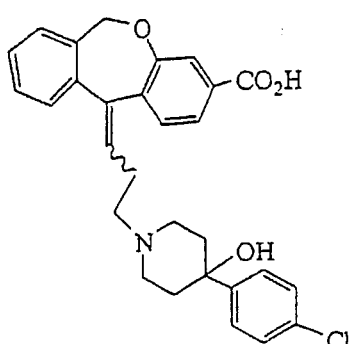
Example 1



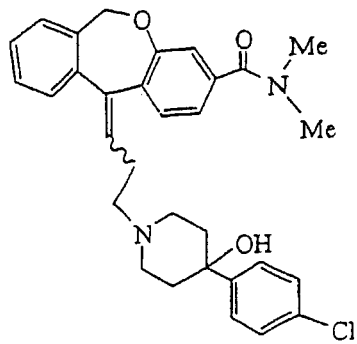
Example 2



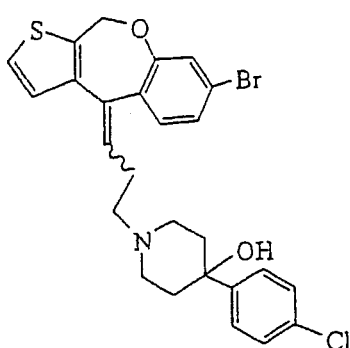
Example 4



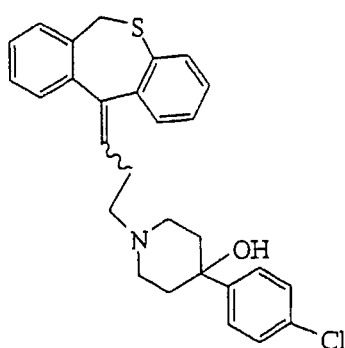
Example 5



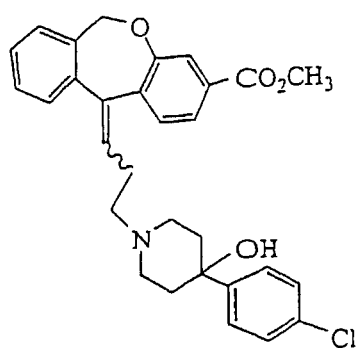
Example 6



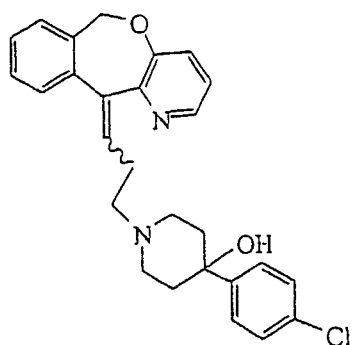
Example 7



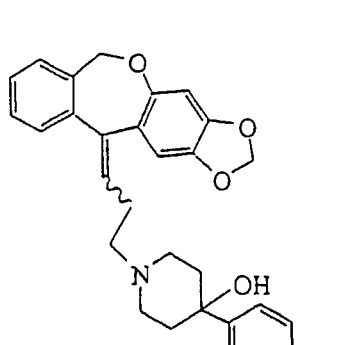
Example 8



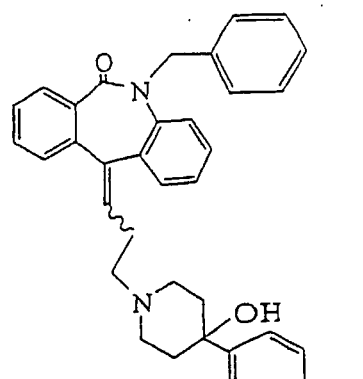
Example 9



Example 10

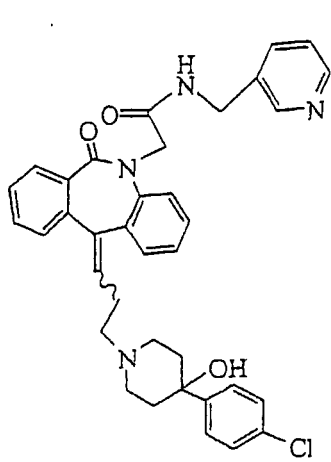


Example 11

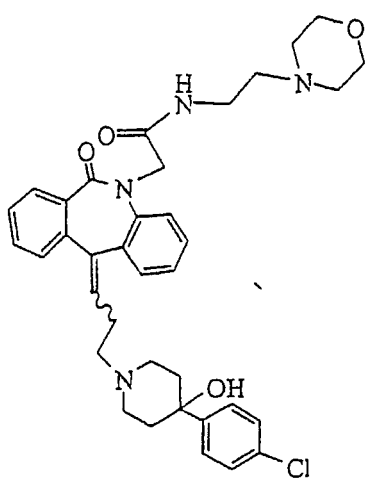


Example 12

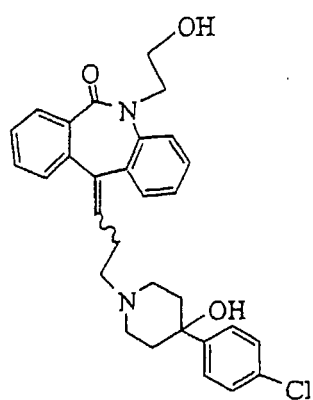
Figure 6A



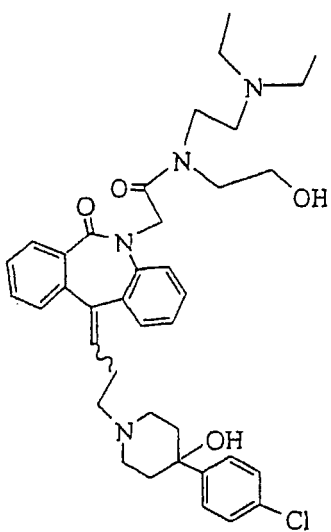
Example 13



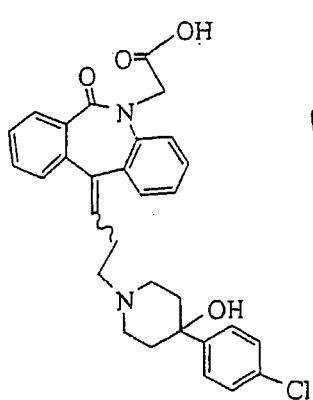
Example 14



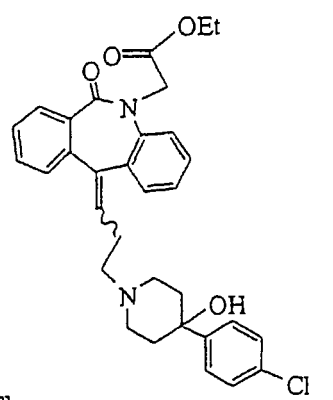
Example 15



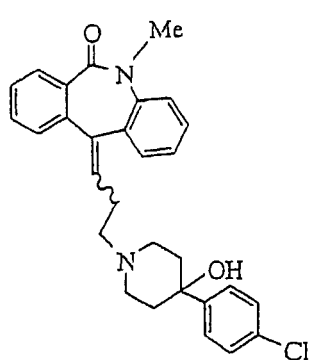
Example 16



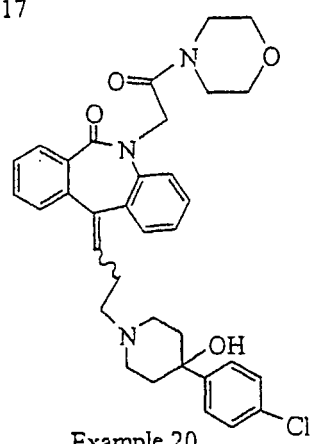
Example 17



Example 18

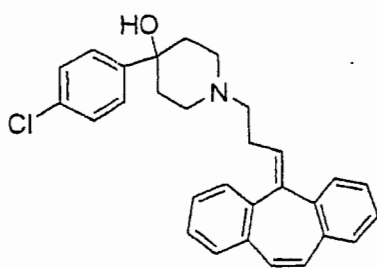


Example 19

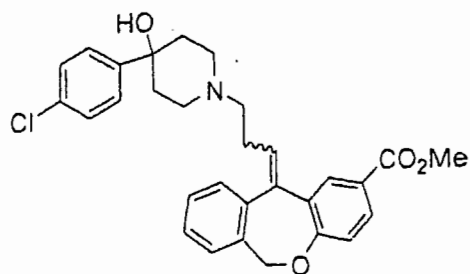


Example 20

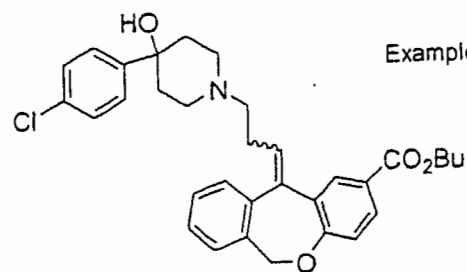
Figure 6B



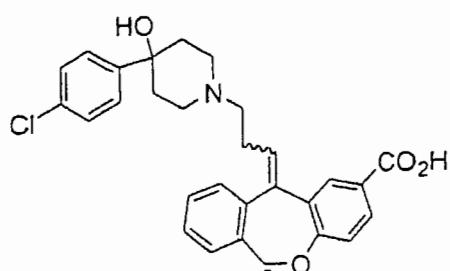
Example 21



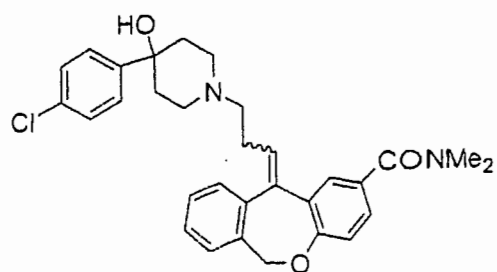
Example 22



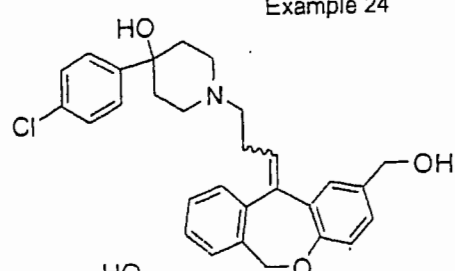
Example 23



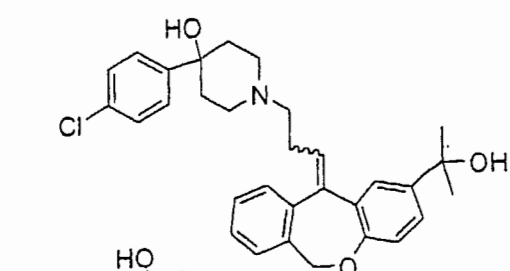
Example 24



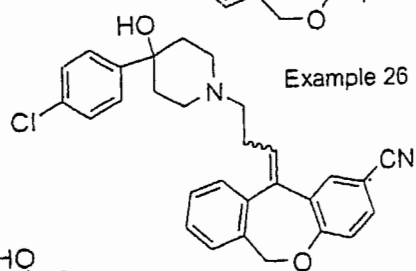
Example 25



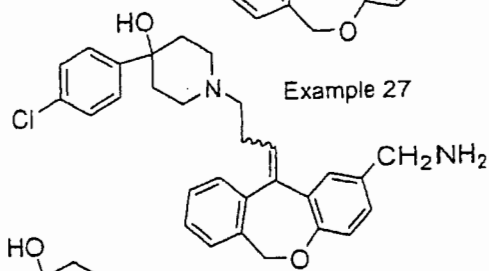
Example 26



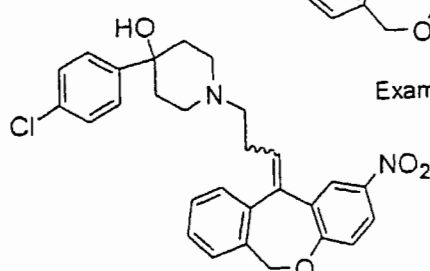
Example 27



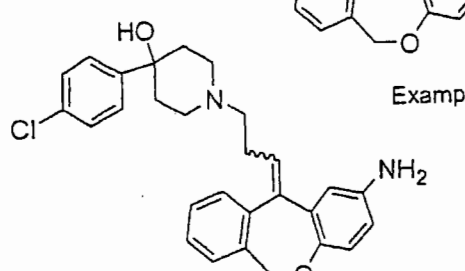
Example 28



Example 29

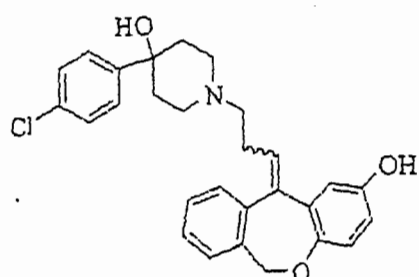


Example 30

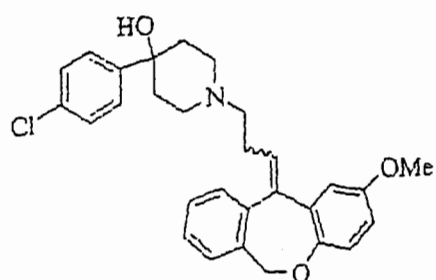


Example 31

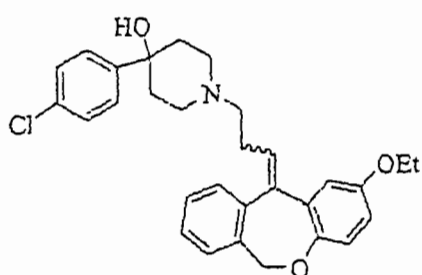
Figure 6C



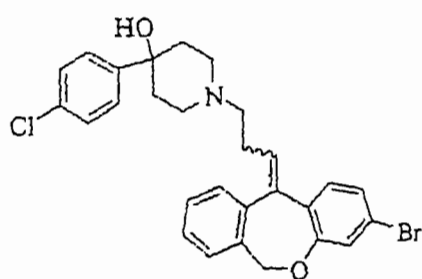
Example 32



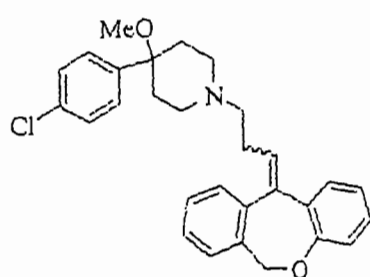
Example 33



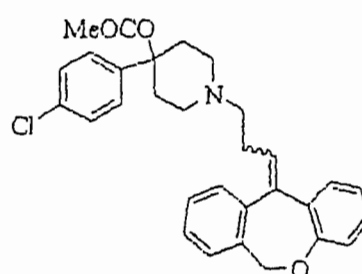
Example 34



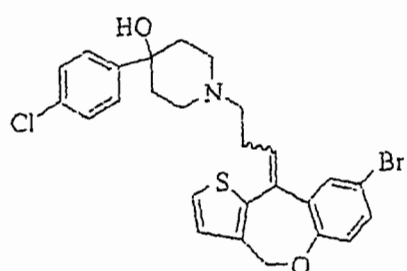
Example 35



Example 36

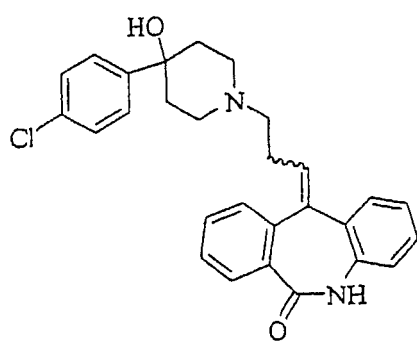


Example 37

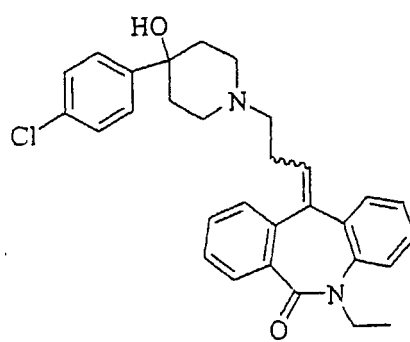


Example 38

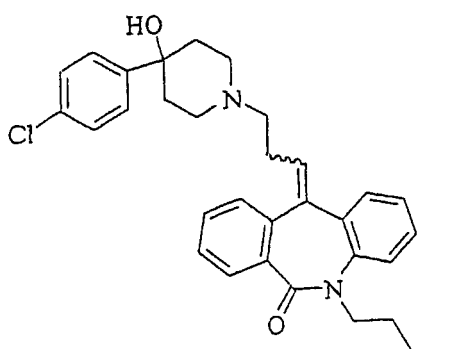
Figure 6D



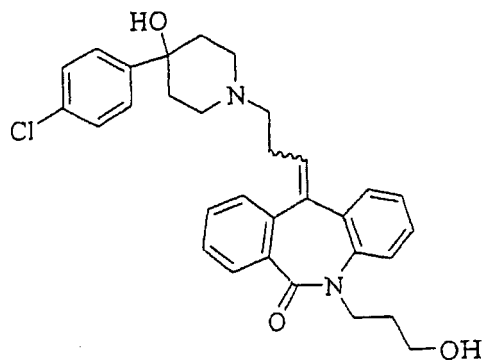
Example 39



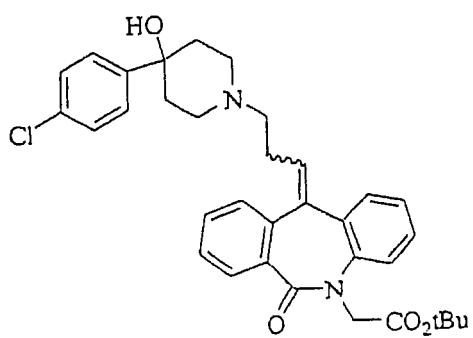
Example 40



Example 41

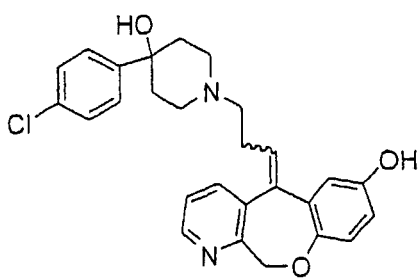


Example 42

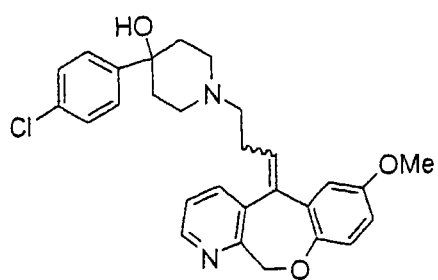


Example 43

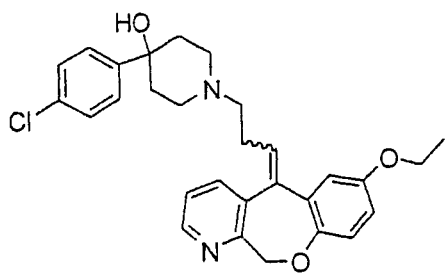
Figure 6E



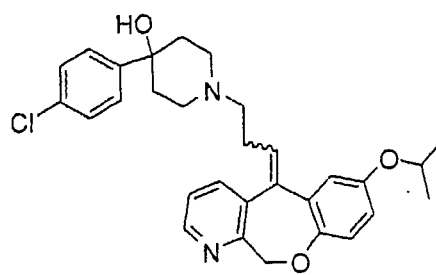
Example 44



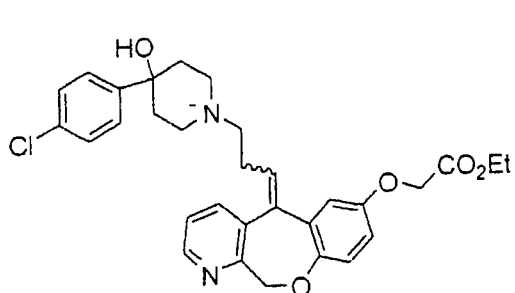
Example 45



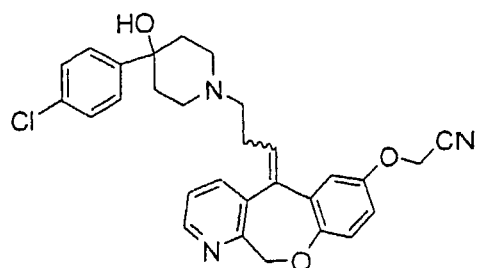
Example 46



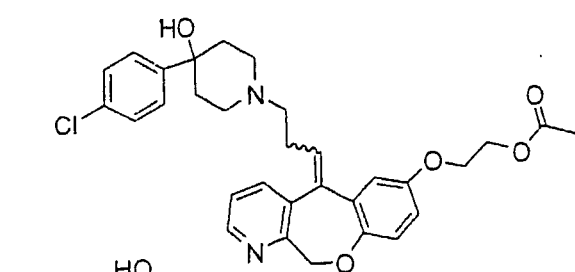
Example 47



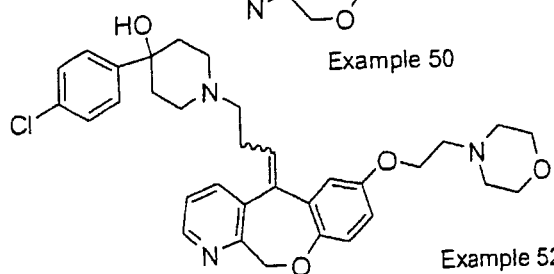
Example 48



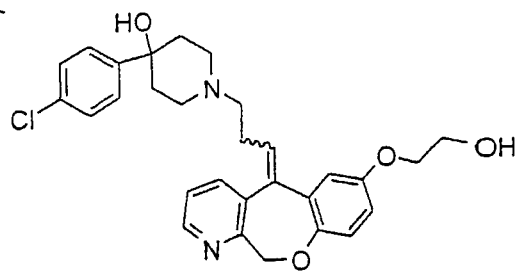
Example 49



Example 50

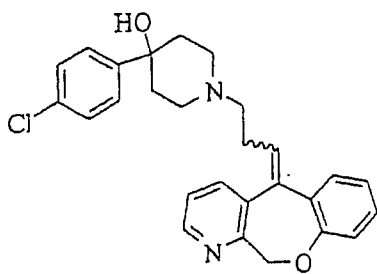


Example 52

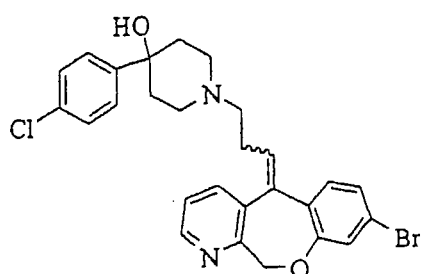


Example 51

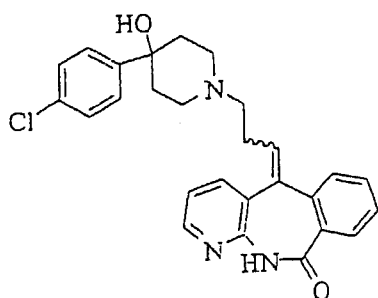
Figure 6F



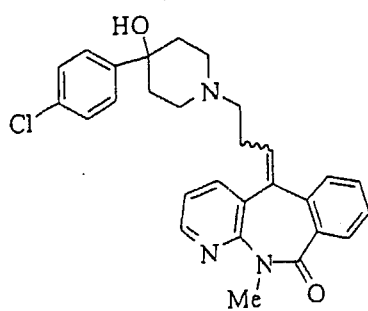
Example 53



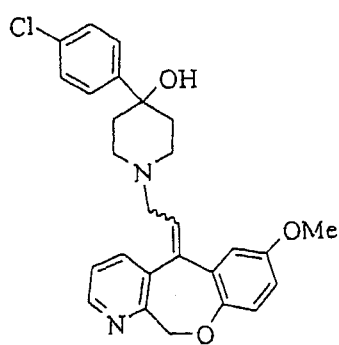
Example 54



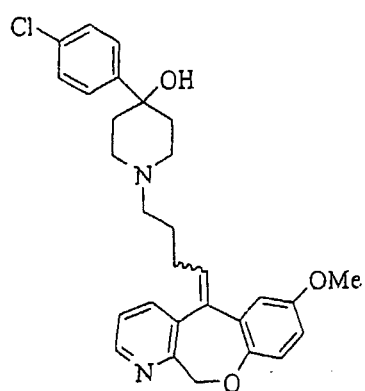
Example 55



Example 56

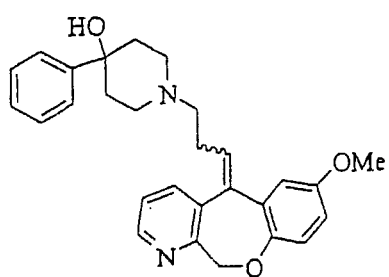


Example 57

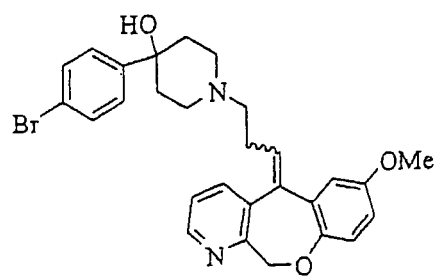


Example 58

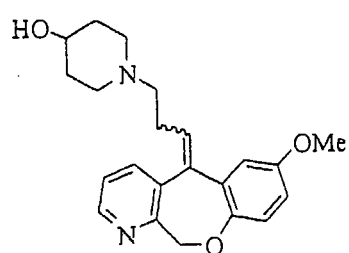
Figure 6G



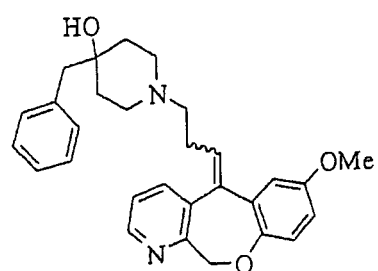
Example 59



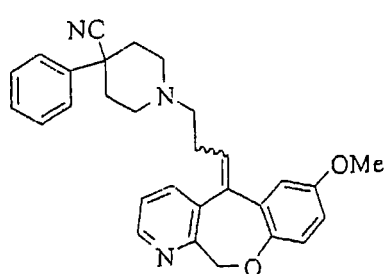
Example 60



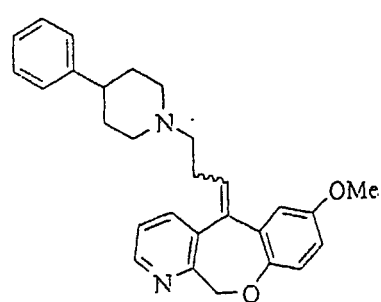
Example 61



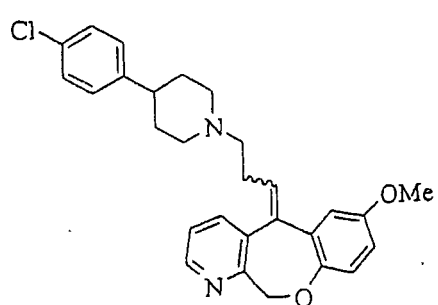
Example 62



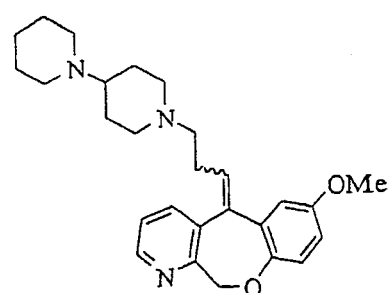
Example 63



Example 64

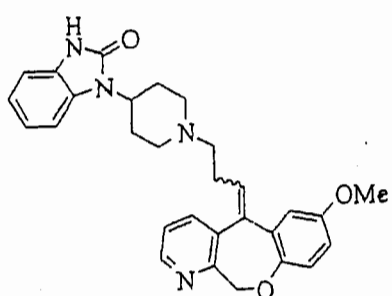


Example 65

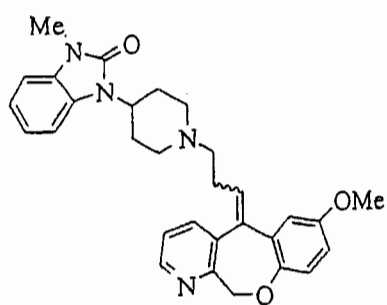


Example 66

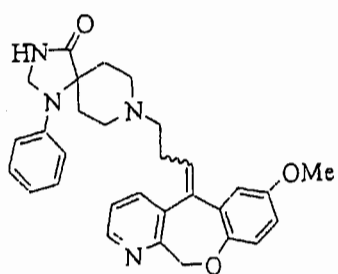
Figure 6H



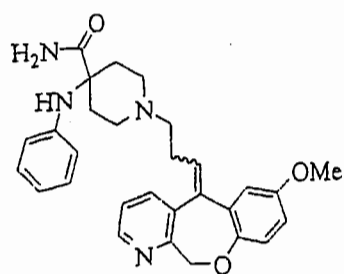
Example 67



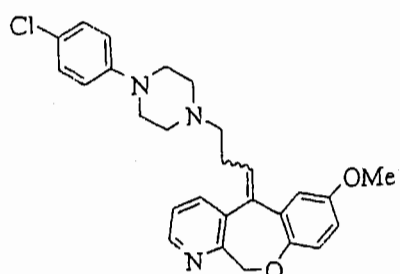
Example 68



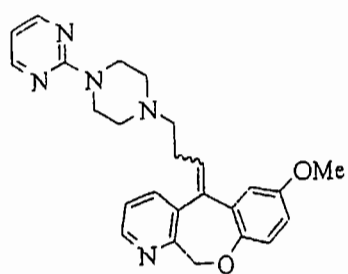
Example 69



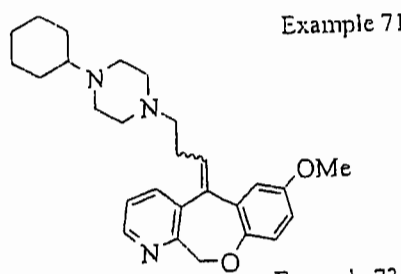
Example 70



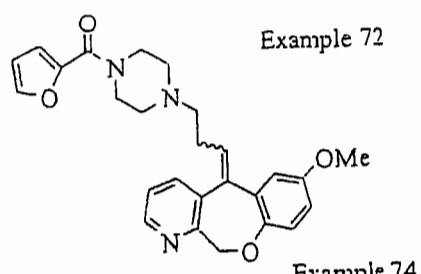
Example 71



Example 72



Example 73



Example 74

Figure 6I

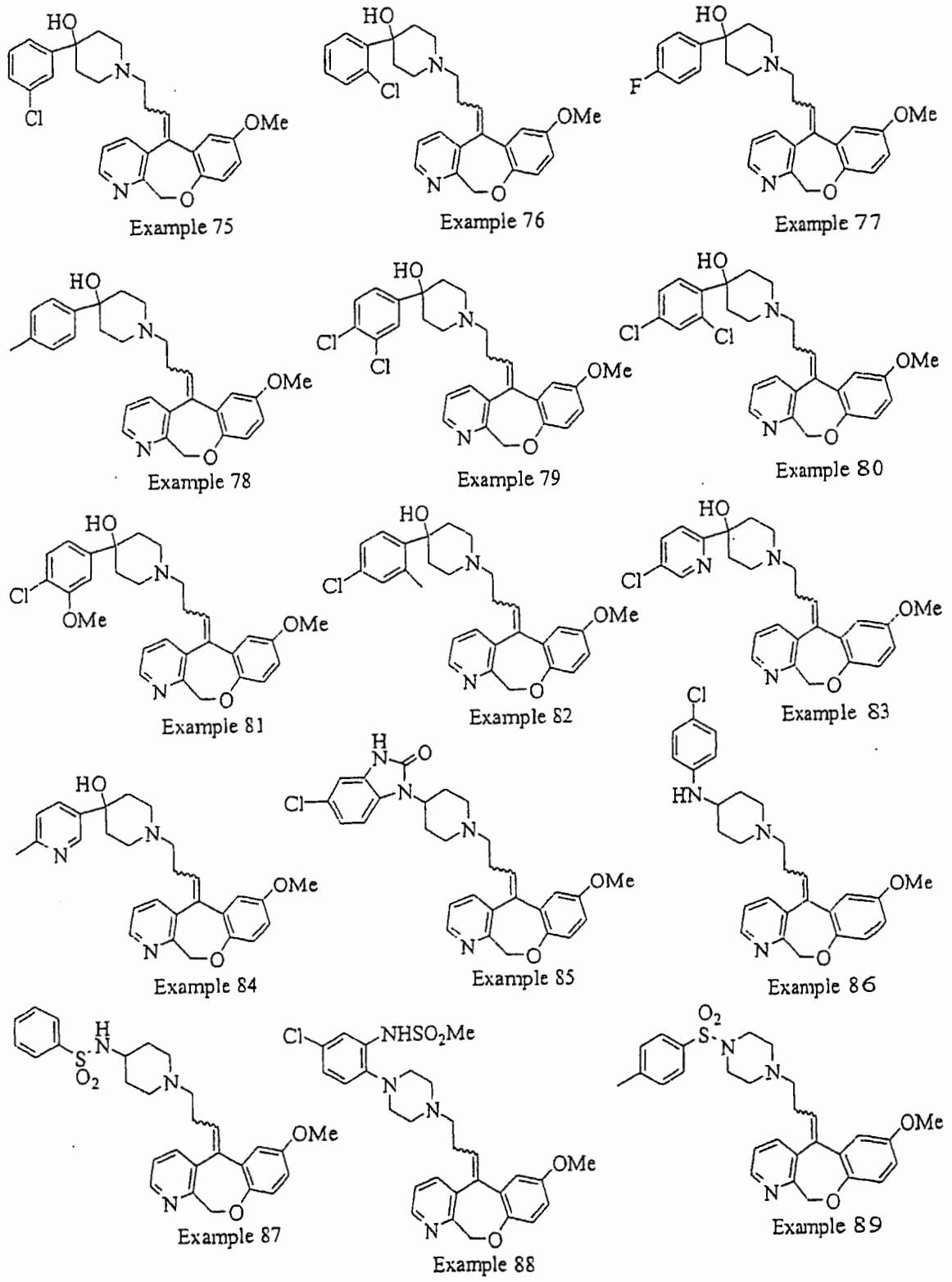


Figure 6J

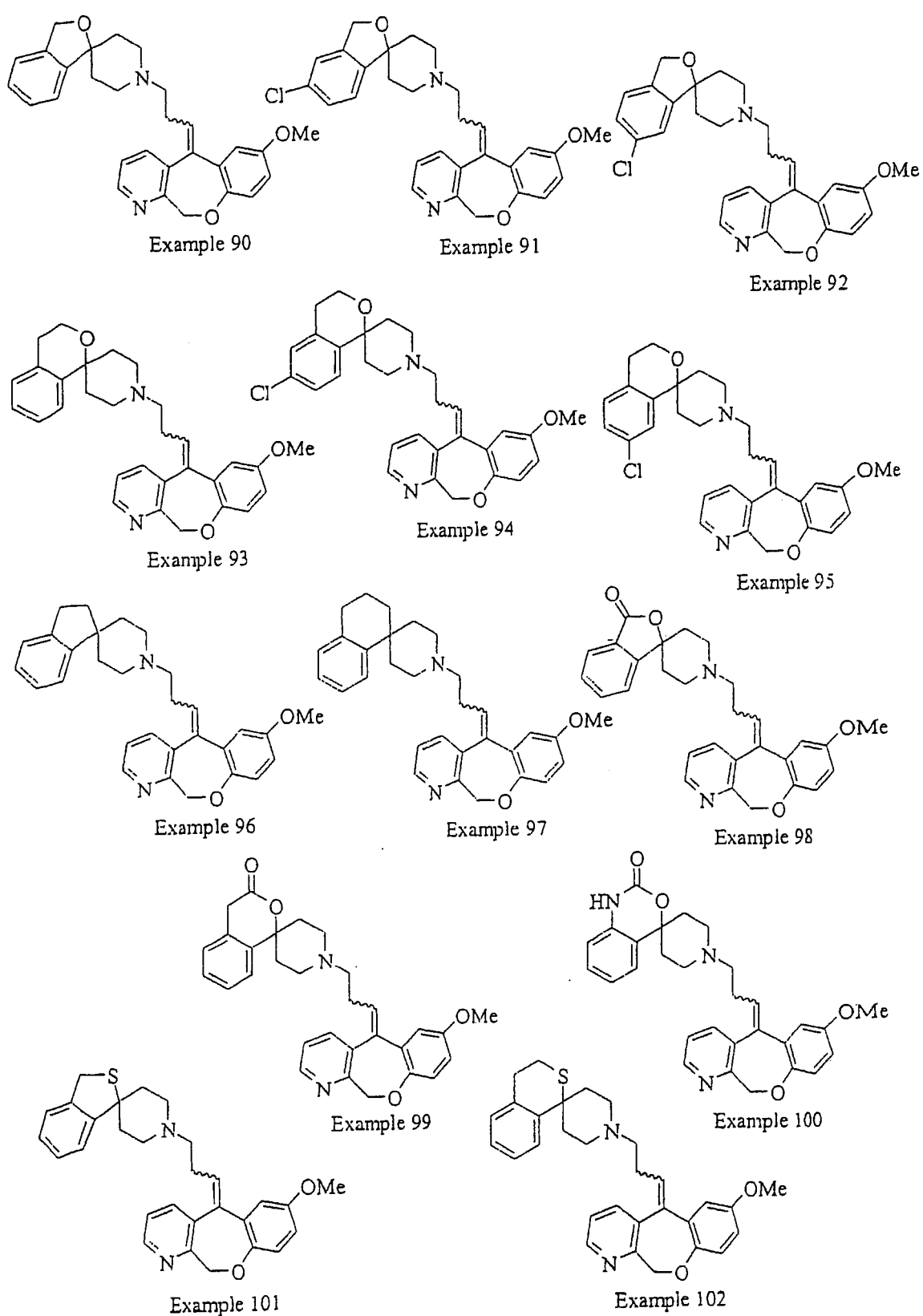


Figure 6K

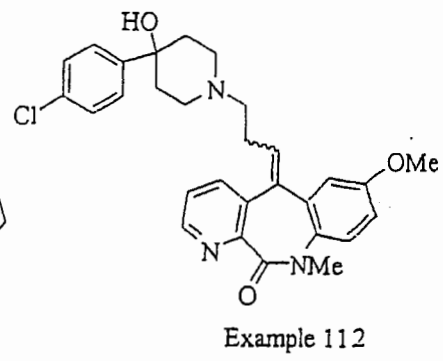
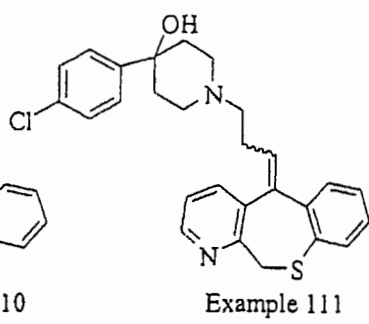
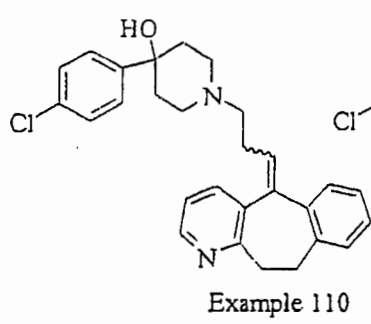
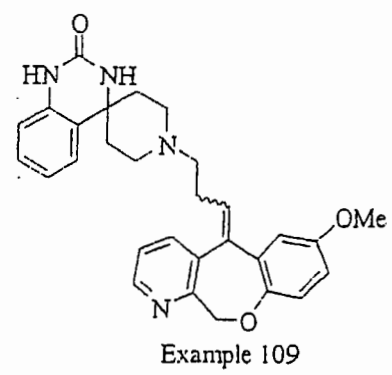
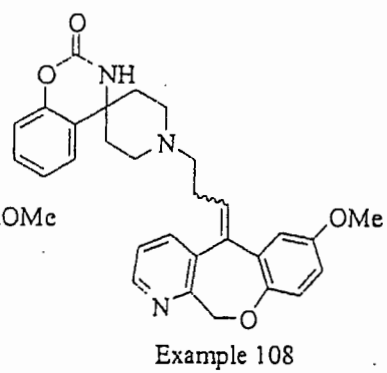
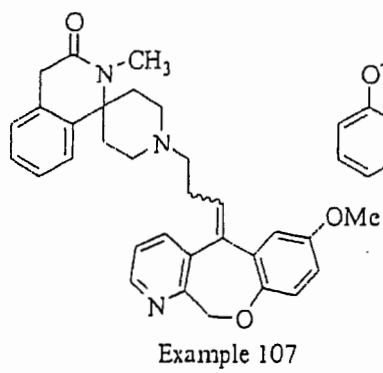
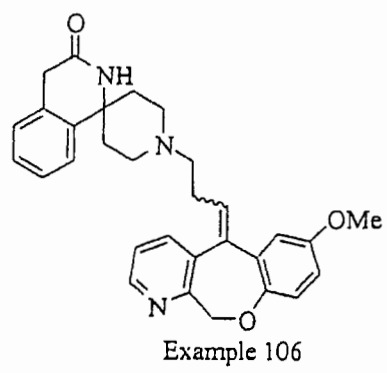
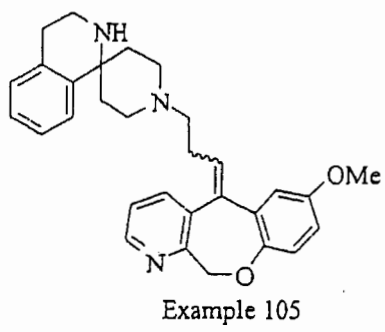
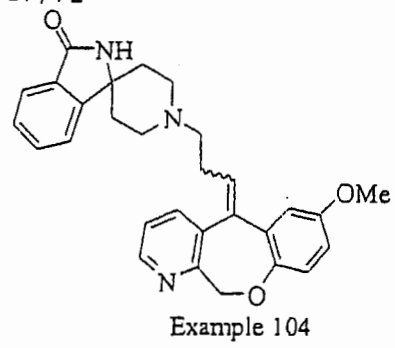
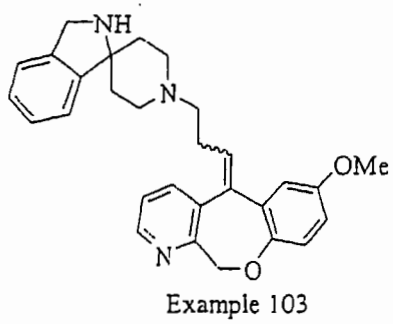


Figure 6L

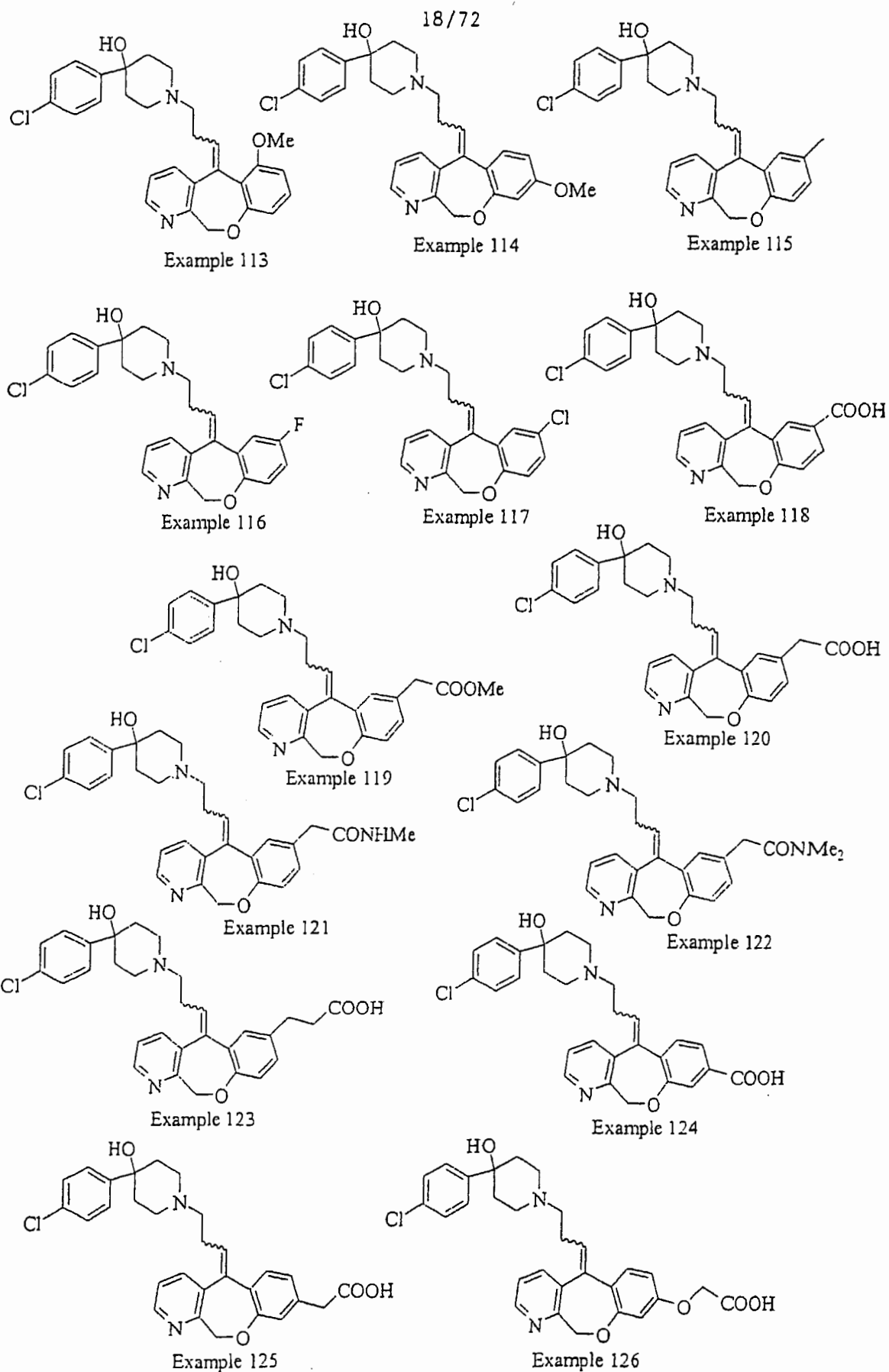


Figure 6M

Figure 6N

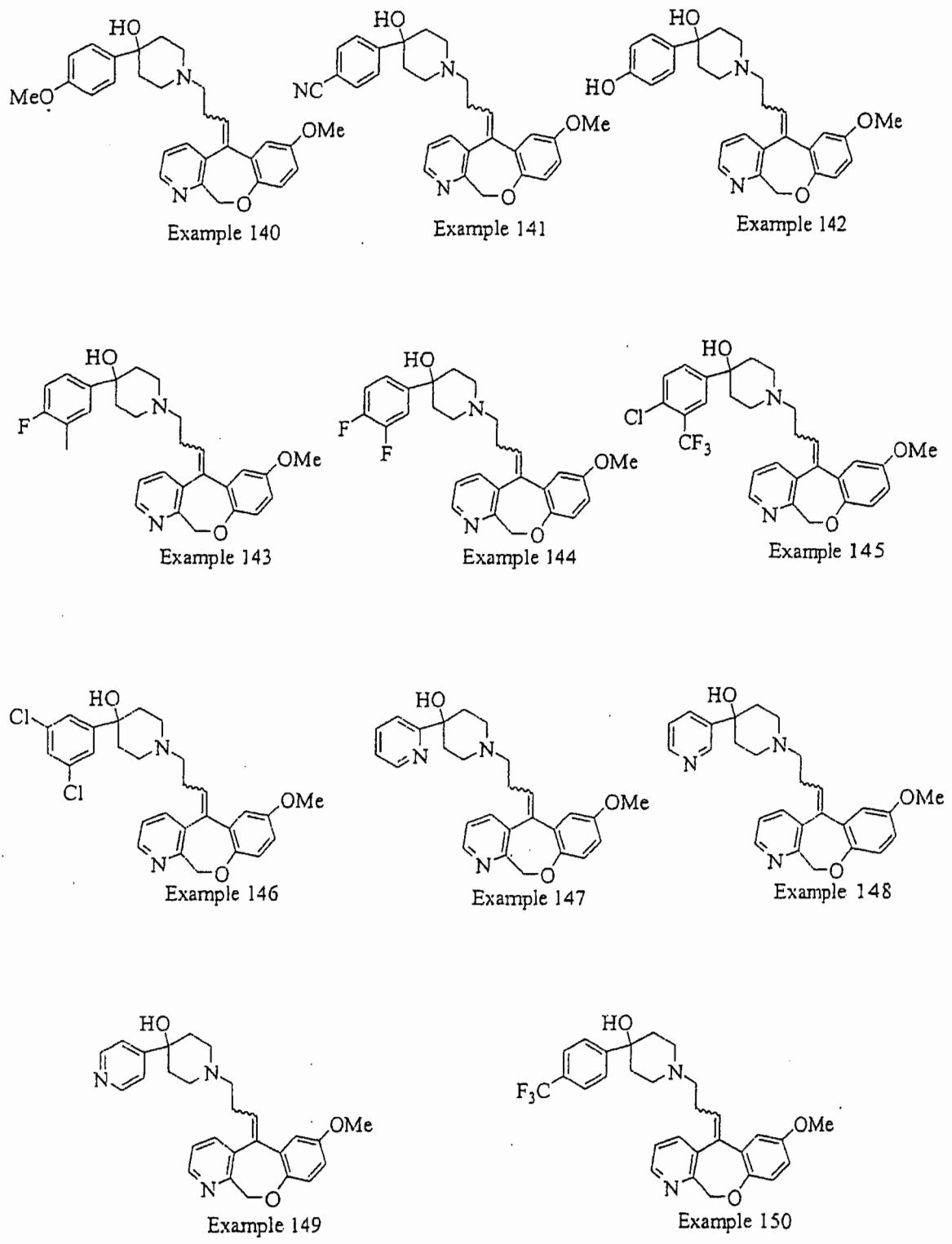


Figure 60

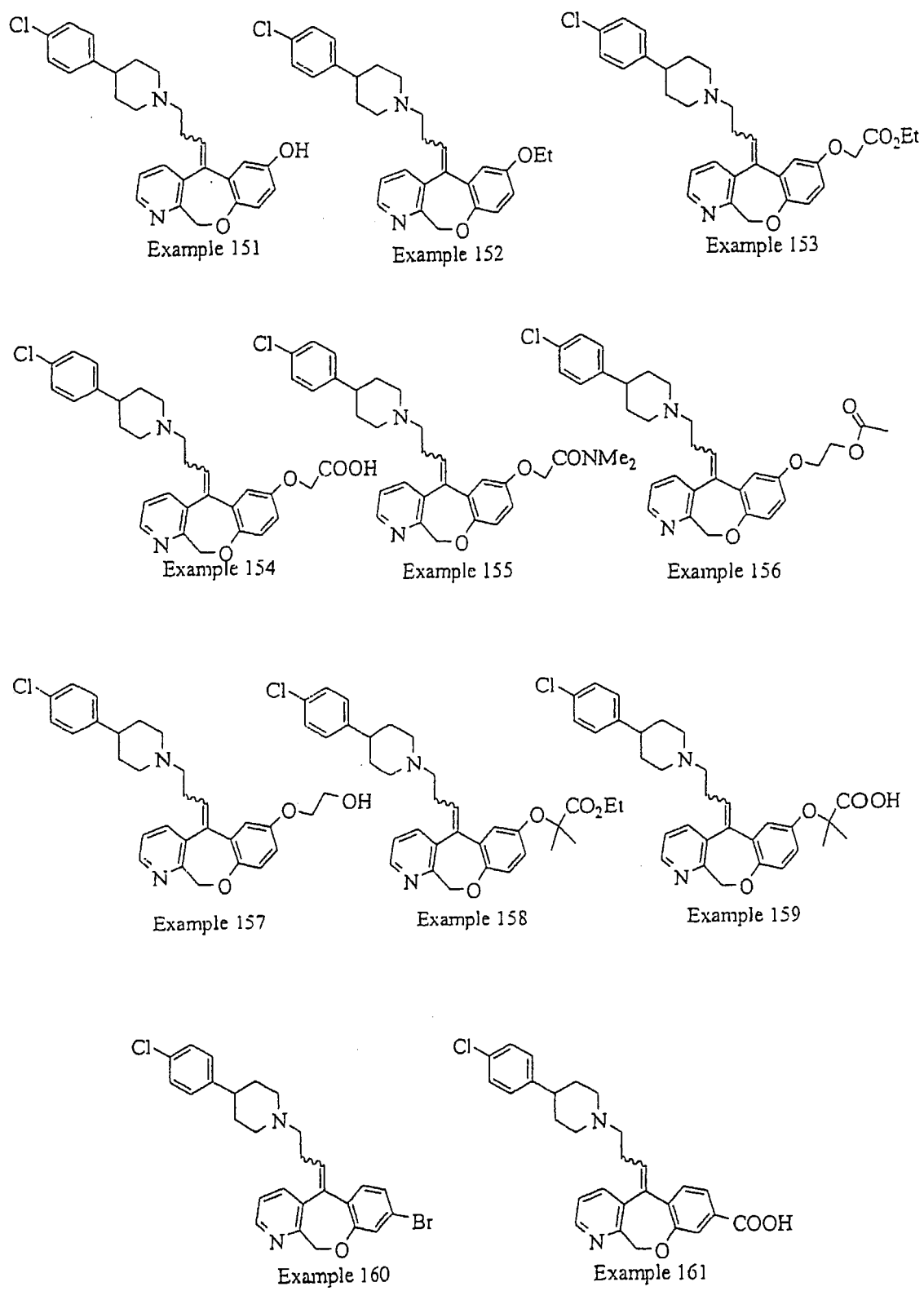
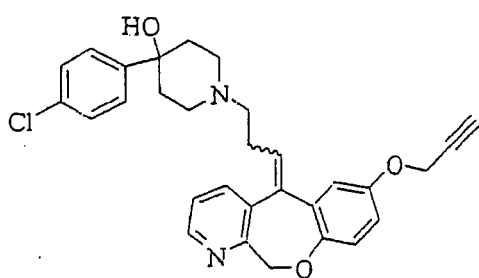
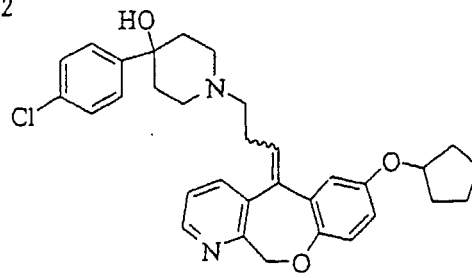


Figure 6P

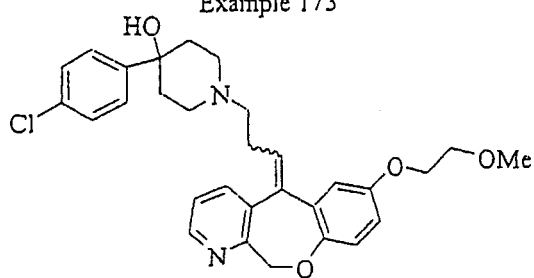
Figure 6Q



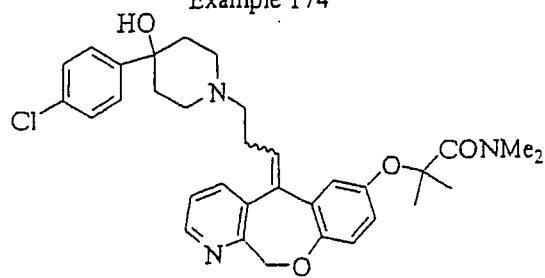
Example 173



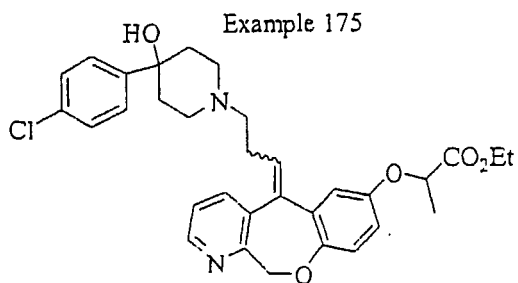
Example 174



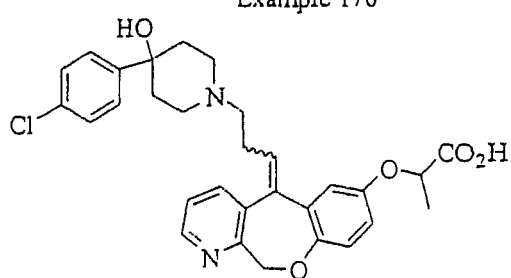
Example 175



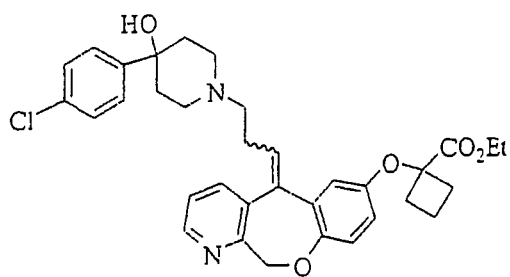
Example 176



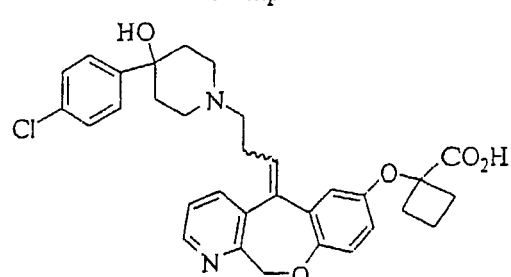
Example 177



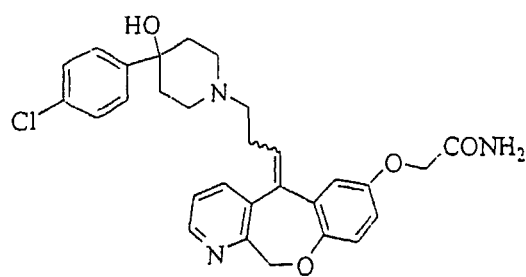
Example 178



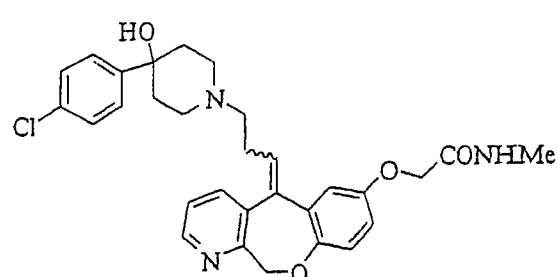
Example 179



Example 180



Example 181



Example 182

Figure 6R

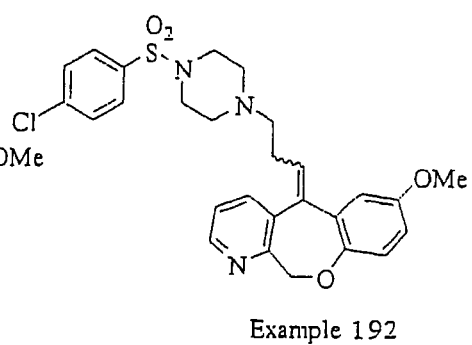
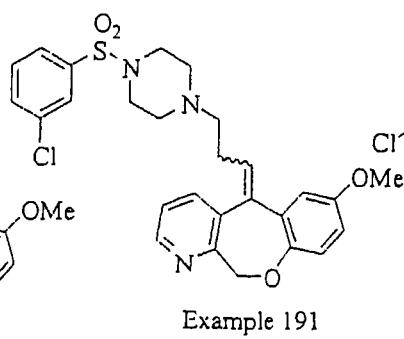
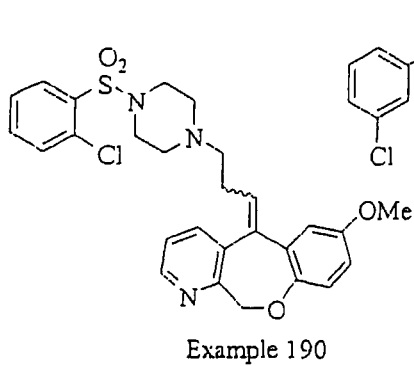
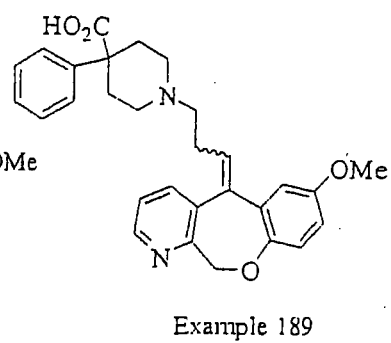
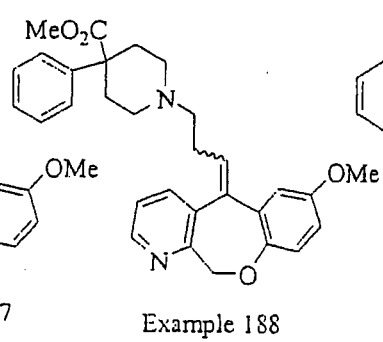
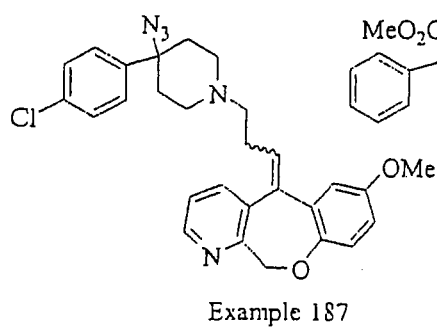
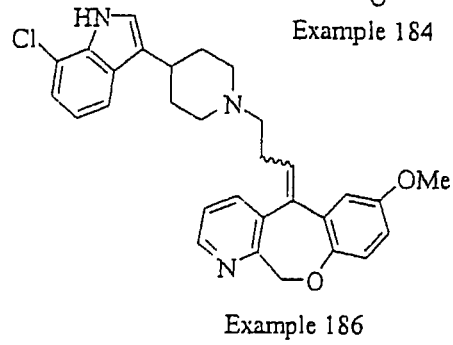
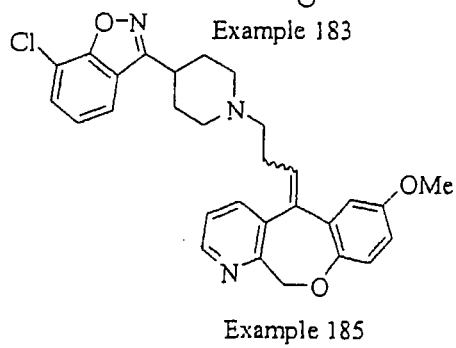
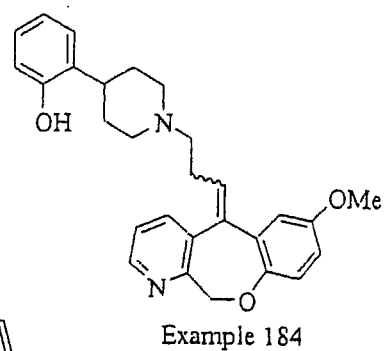
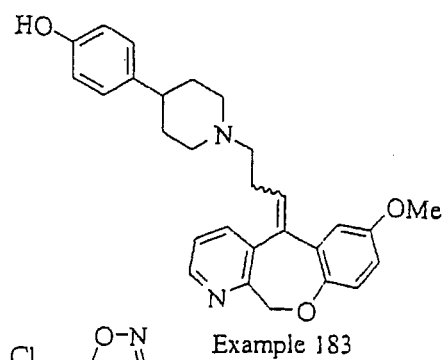
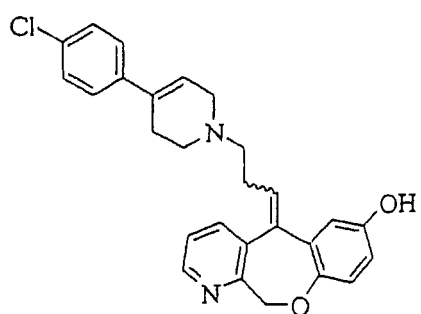
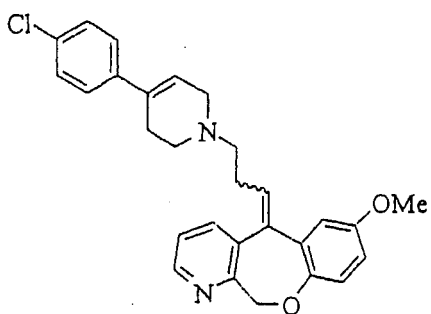


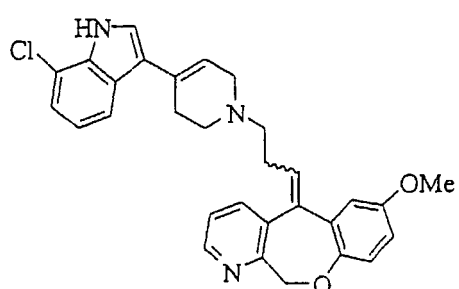
Figure 6S



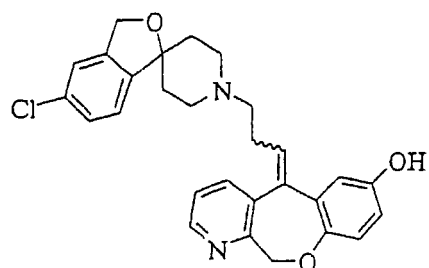
Example 193



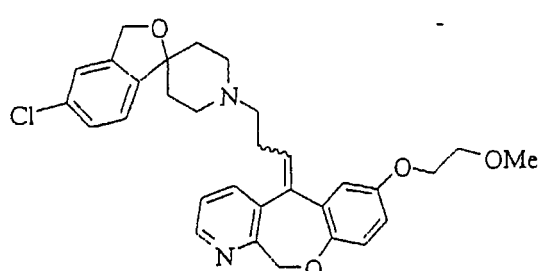
Example 194



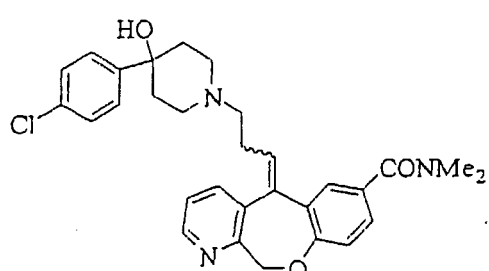
Example 195



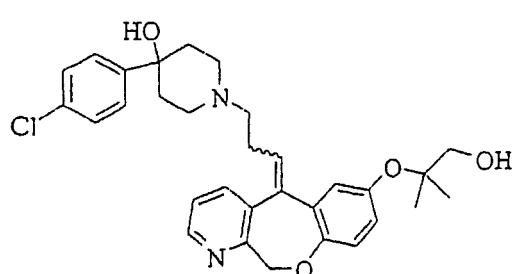
Example 196



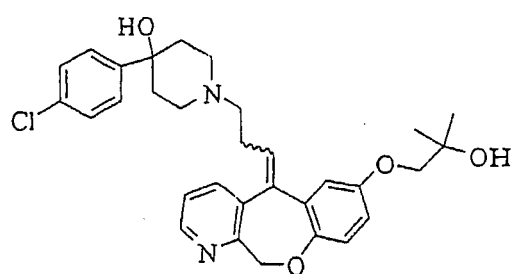
Example 197



Example 198



Example 199



Example 200

Figure 6T

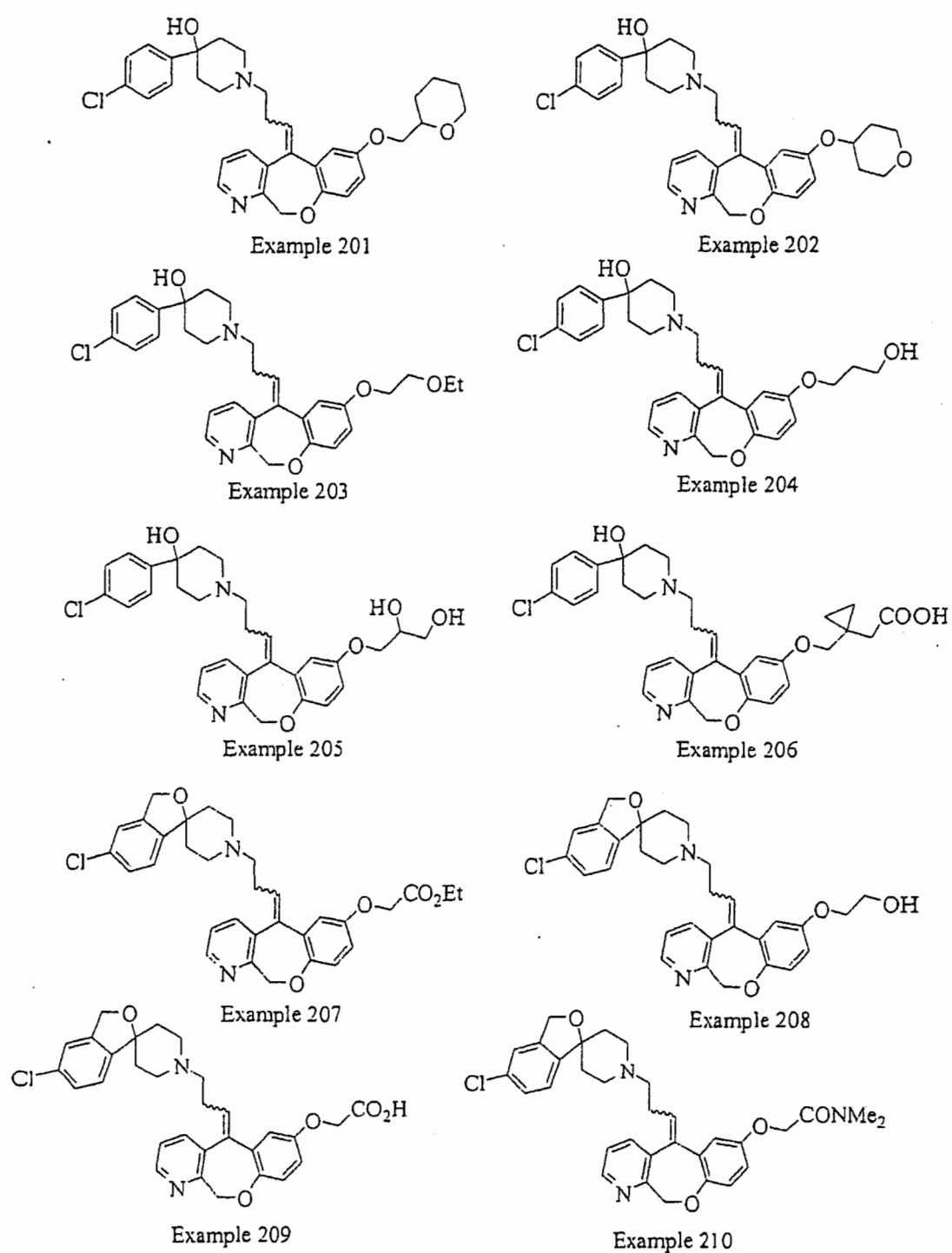
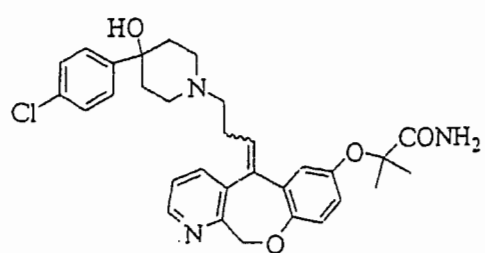
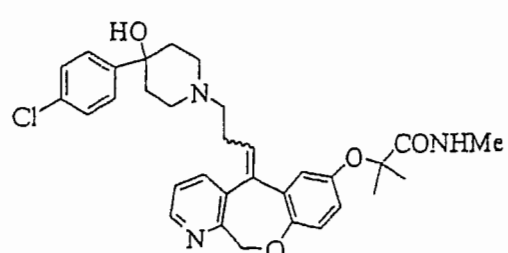


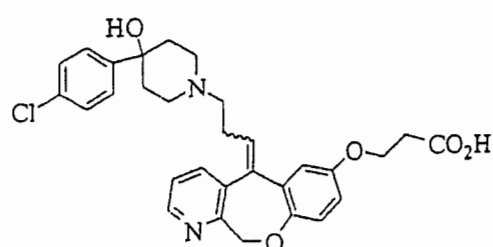
Figure 6U



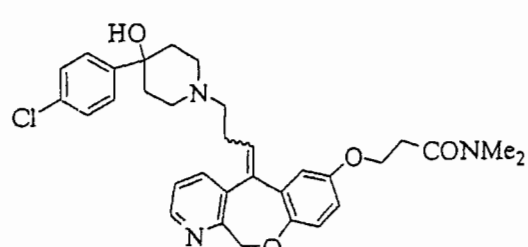
Example 211



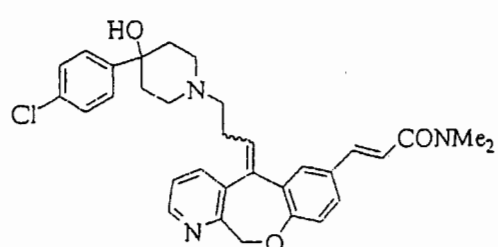
Example 212



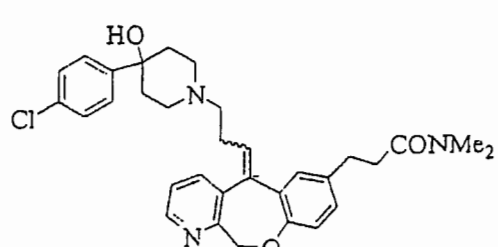
Example 213



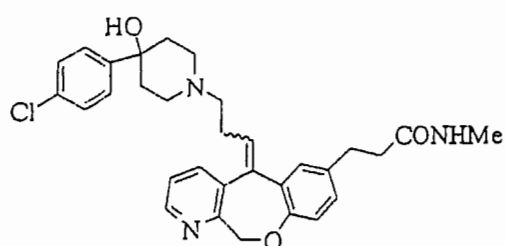
Example 214



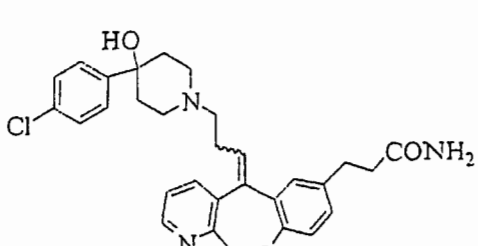
Example 215



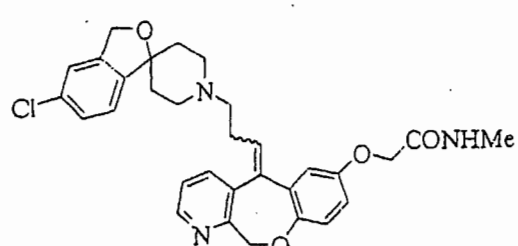
Example 216



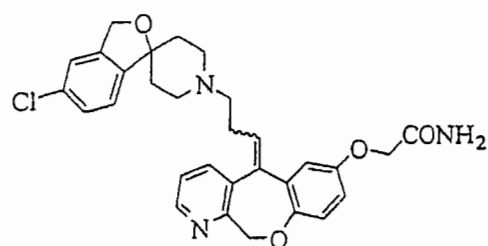
Example 217



Example 218

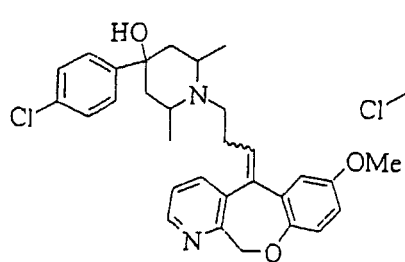


Example 219

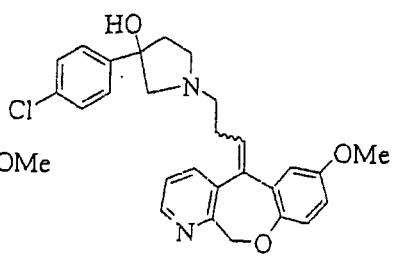


Example 220

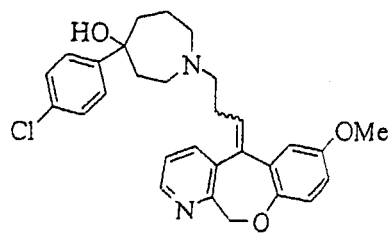
Figure 6V



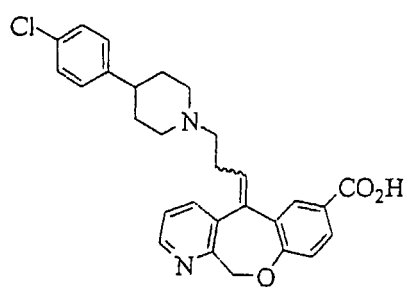
Example 221



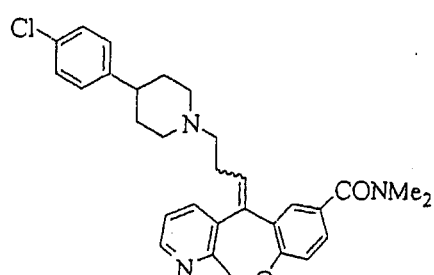
Example 222



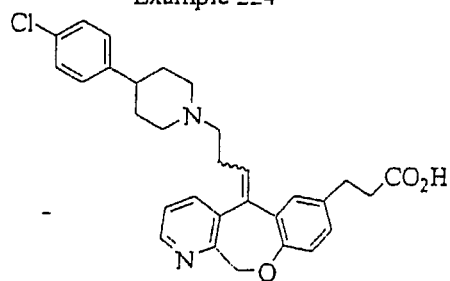
Example 223



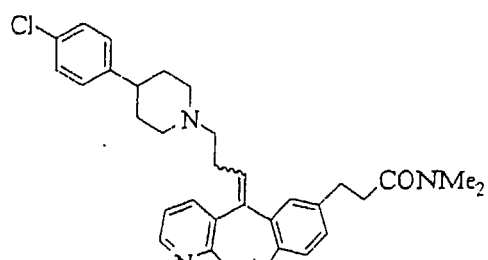
Example 224



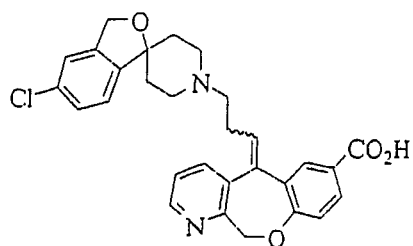
Example 225



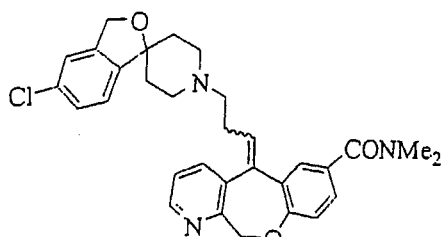
Example 226



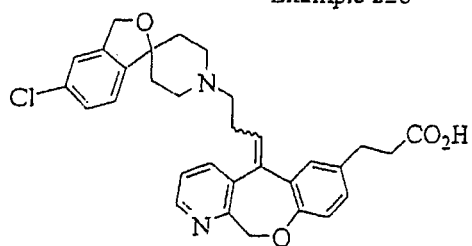
Example 227



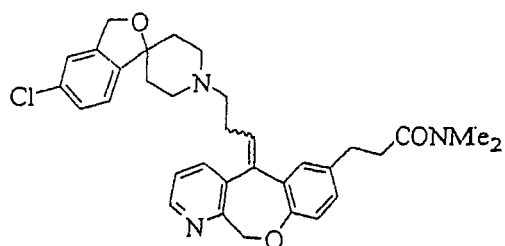
Example 228



Example 229

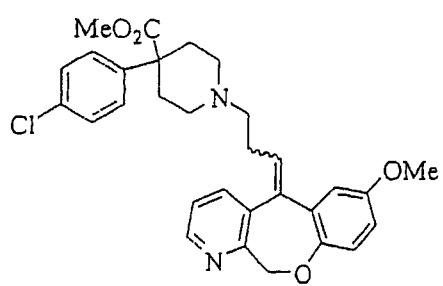


Example 230

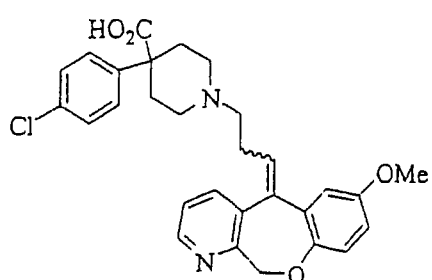


Example 231

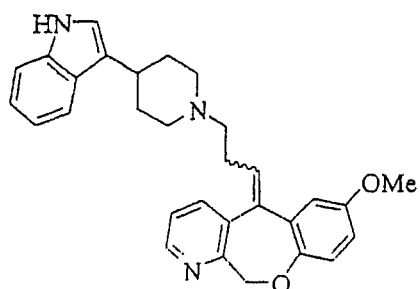
Figure 6W



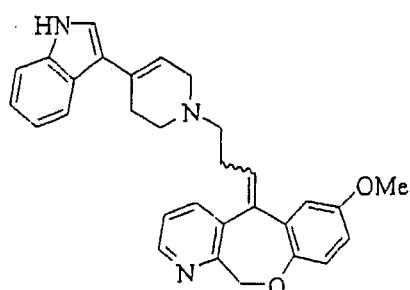
Example 232



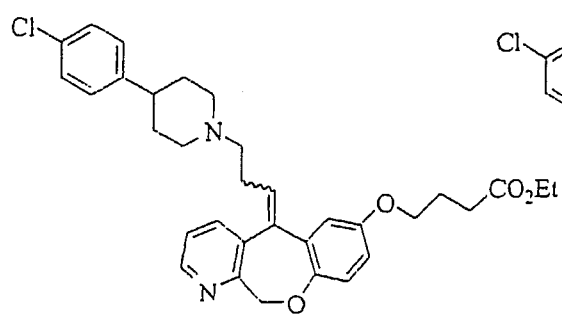
Example 233



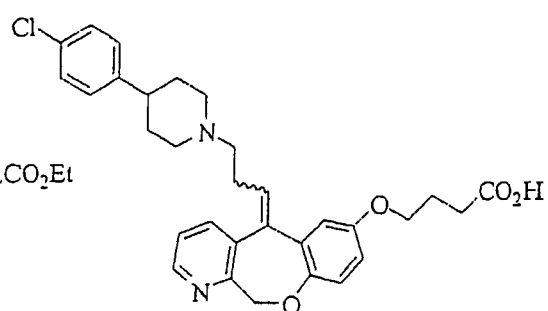
Example 234



Example 235

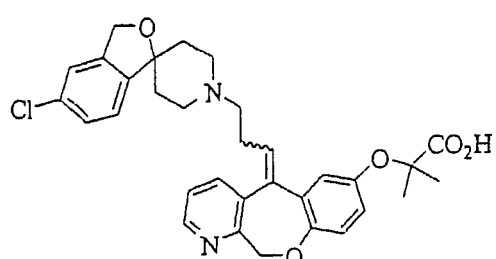


Example 236

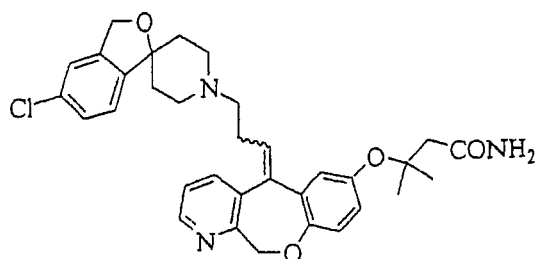


Example 237

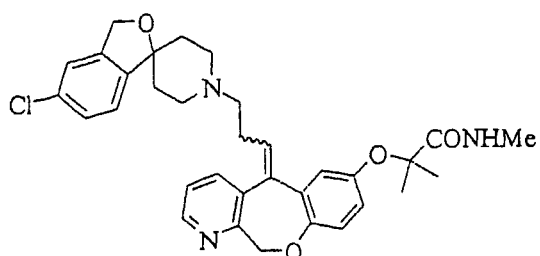
Figure 6X



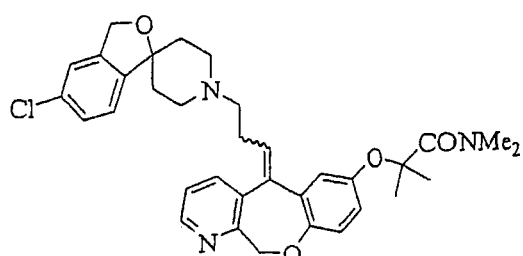
Example 238



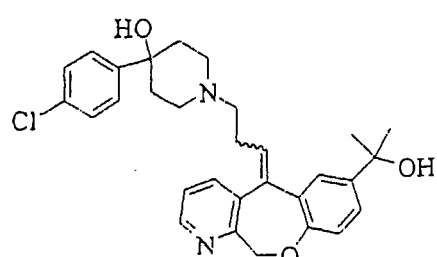
Example 239



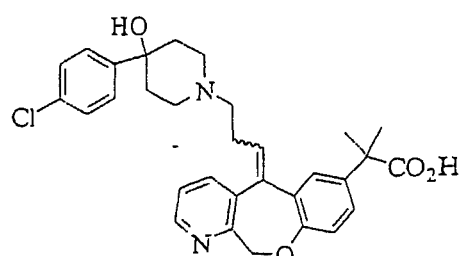
Example 240



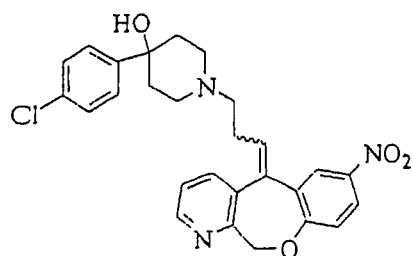
Example 241



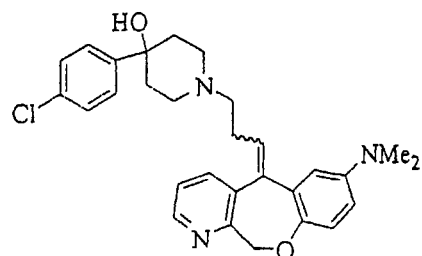
Example 242



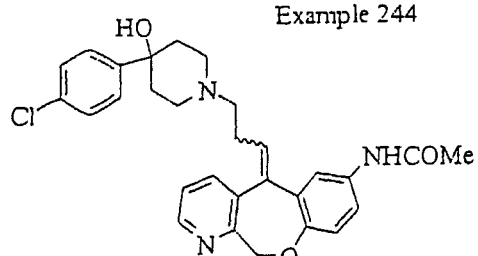
Example 243



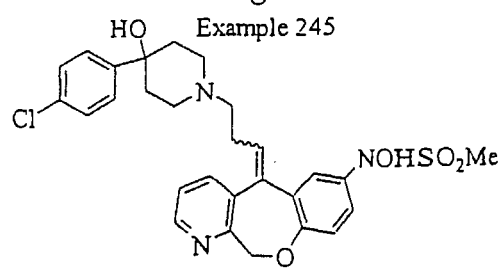
Example 244



Example 245

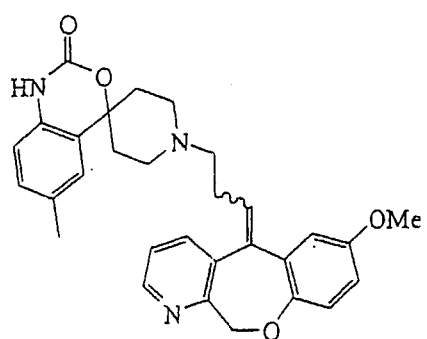


Example 246



Example 247

Figure 6Y



Example 248

Figure 6Z

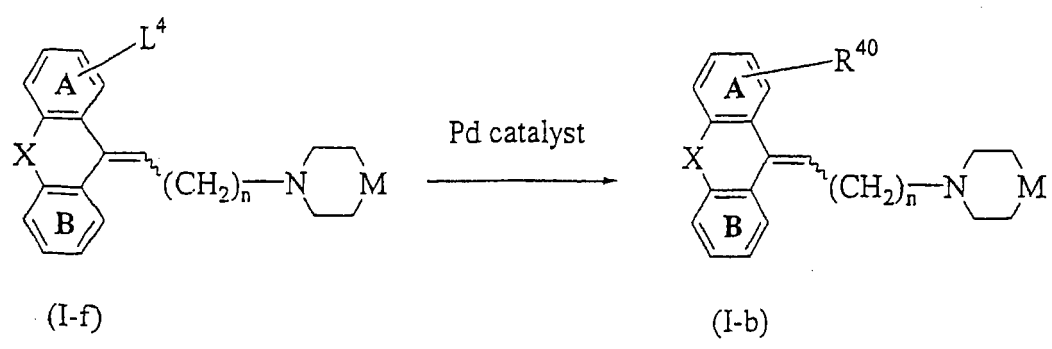


Figure 7

Fig 8c.

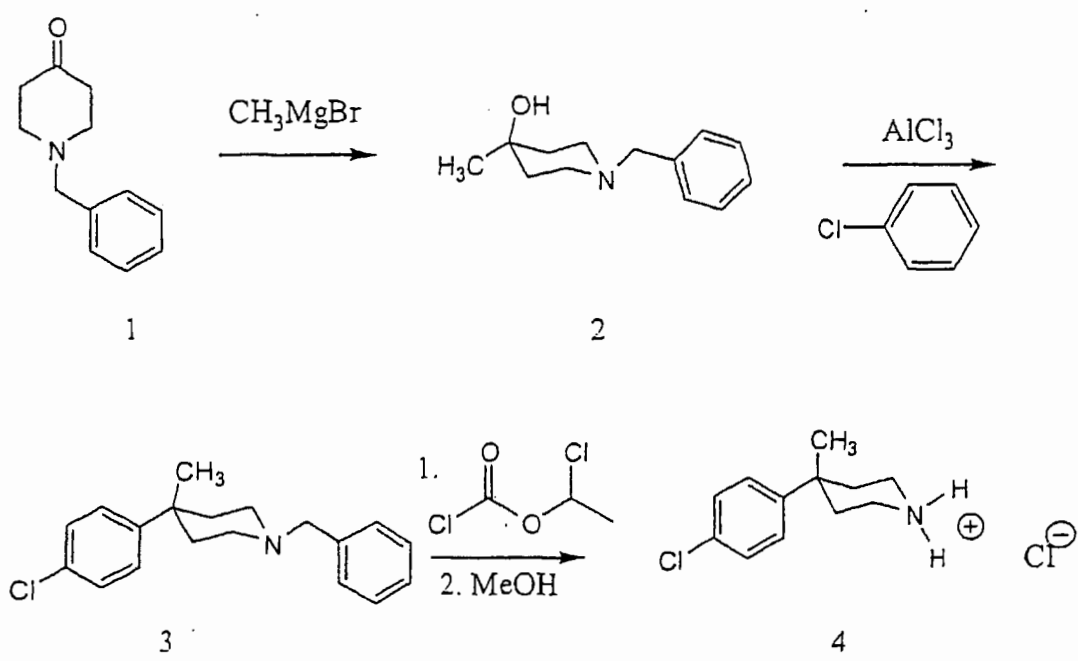


Fig. 9a

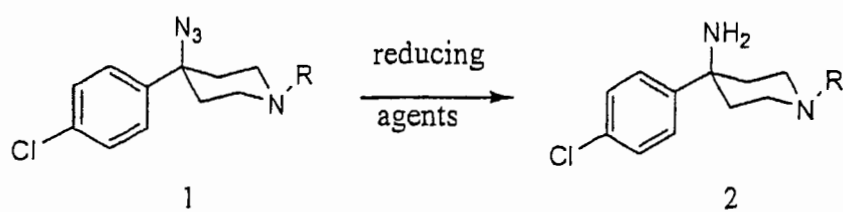


Fig. 9b

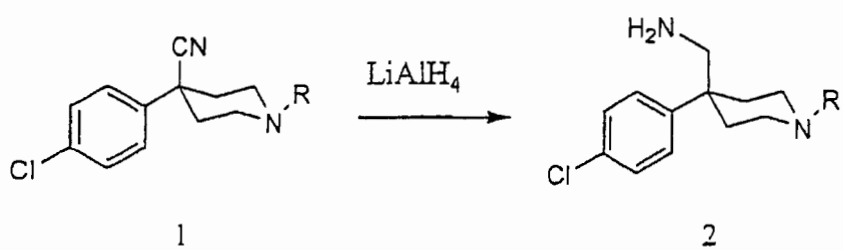


Fig. 9c

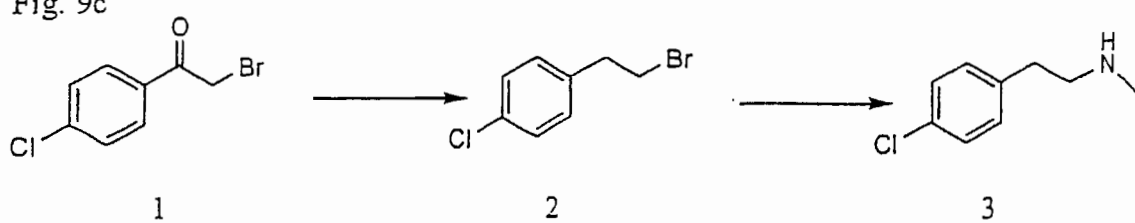


Fig. 9d

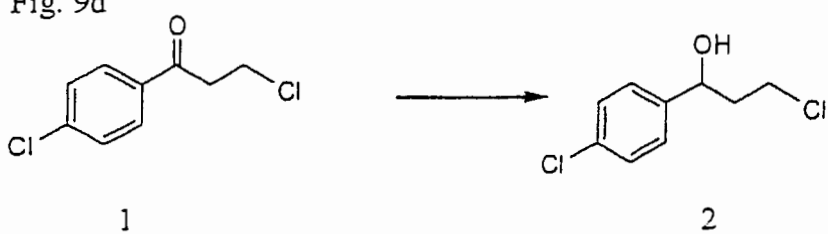


Fig. 9e

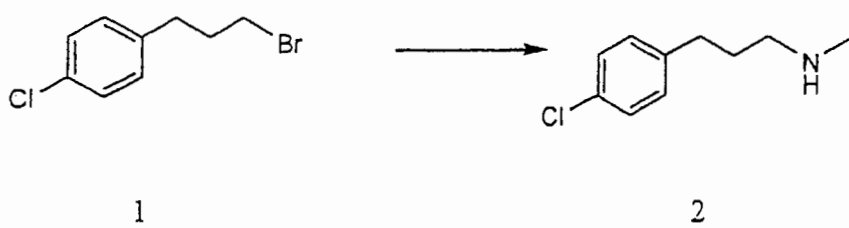


Fig. 10a

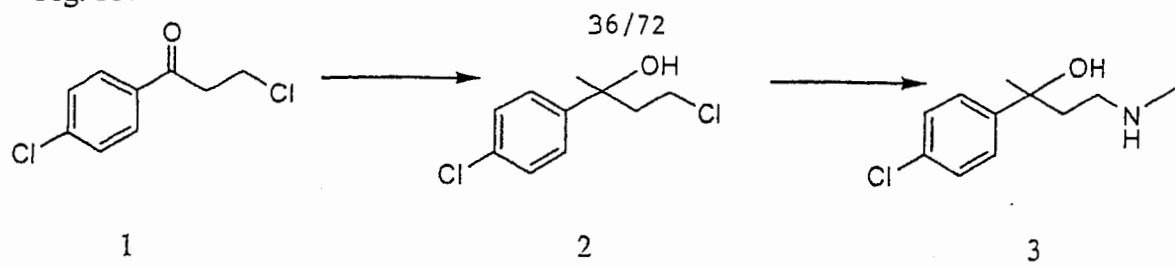


Fig. 10b

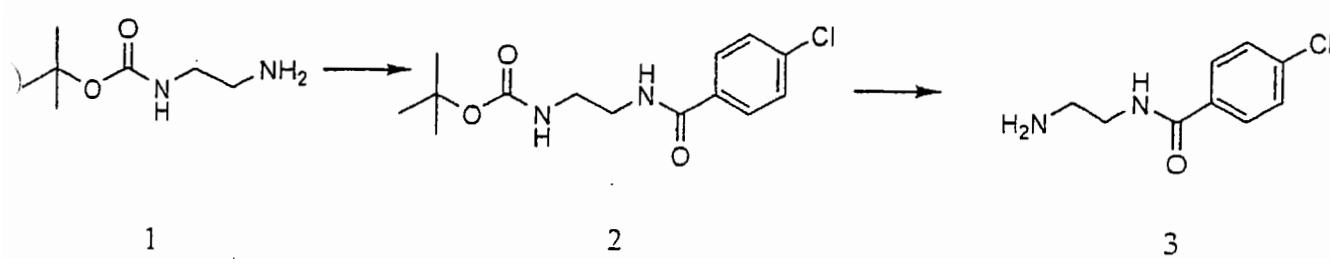


Fig. 10c

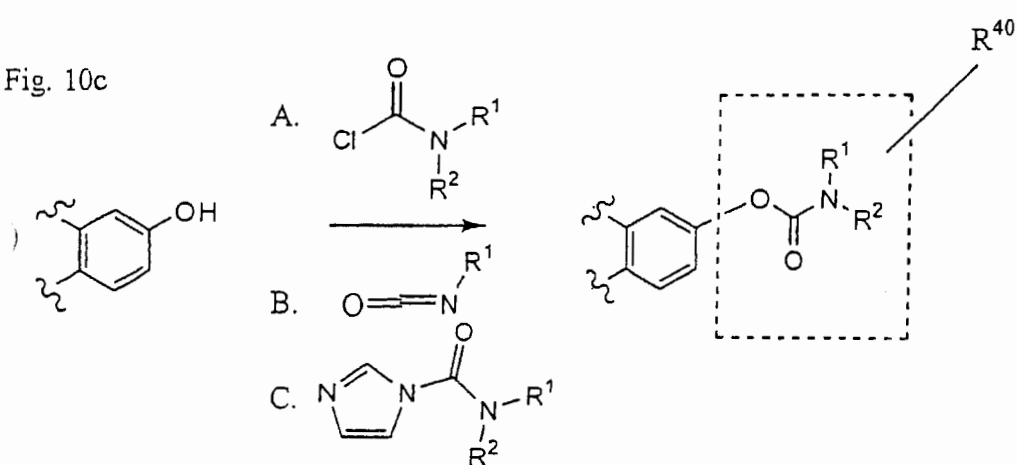
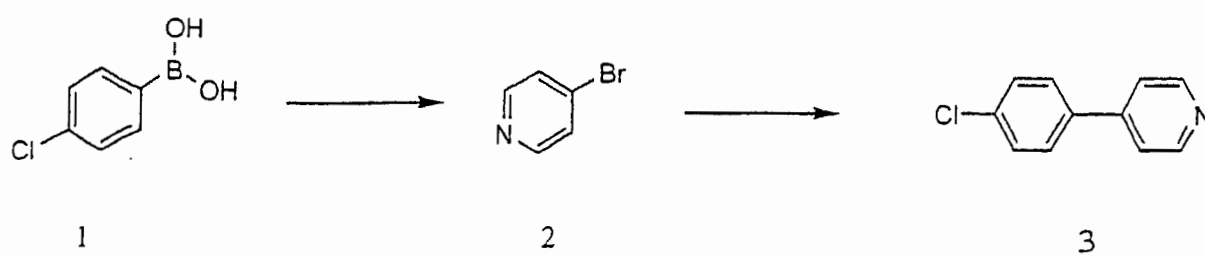
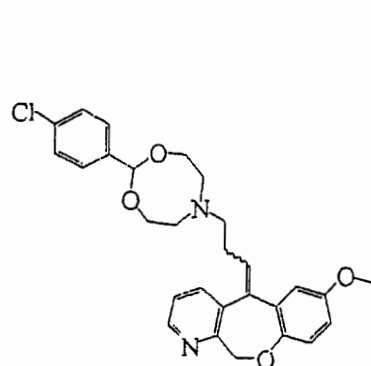
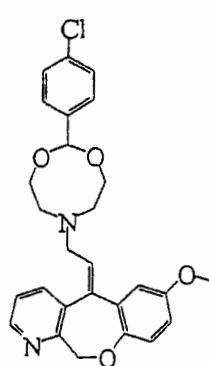


Fig. 10d

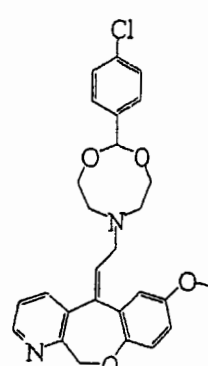




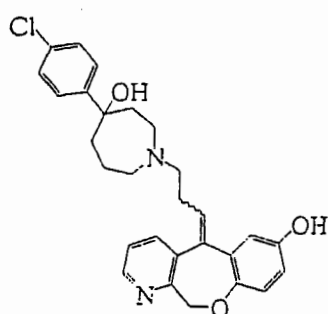
Example 249



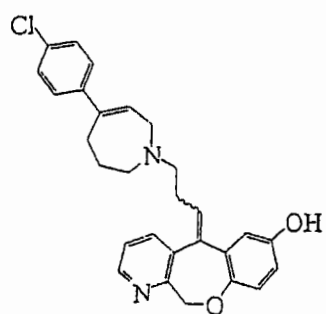
Example 250



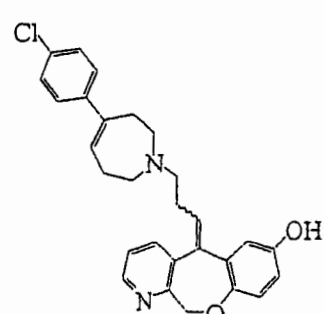
Example 251



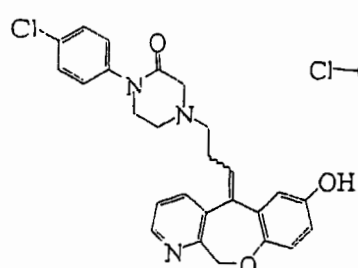
Example 252



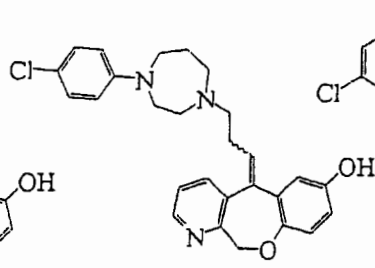
Example 253



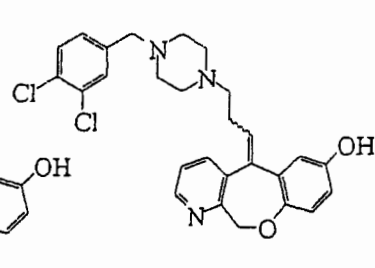
Example 254



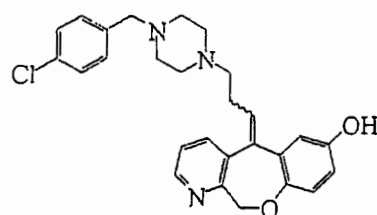
Example 255



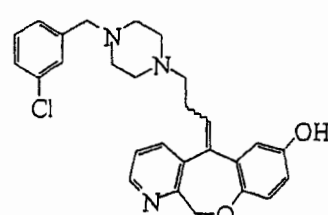
Example 256



Example 257

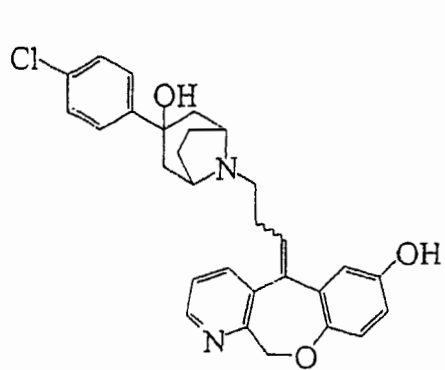


Example 258

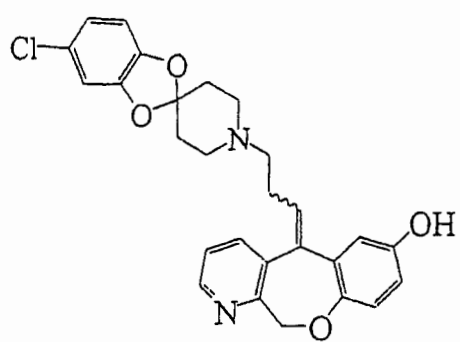


Example 259

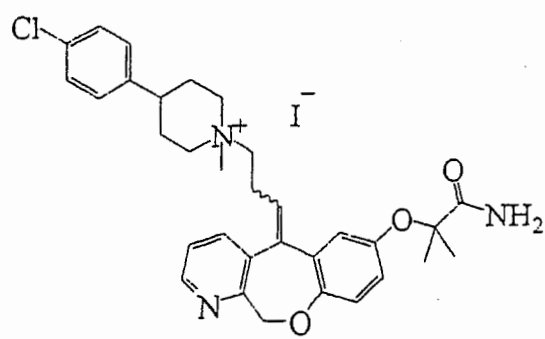
Figure 11A



Example 260



Example 261



Example 262

Figure 11B

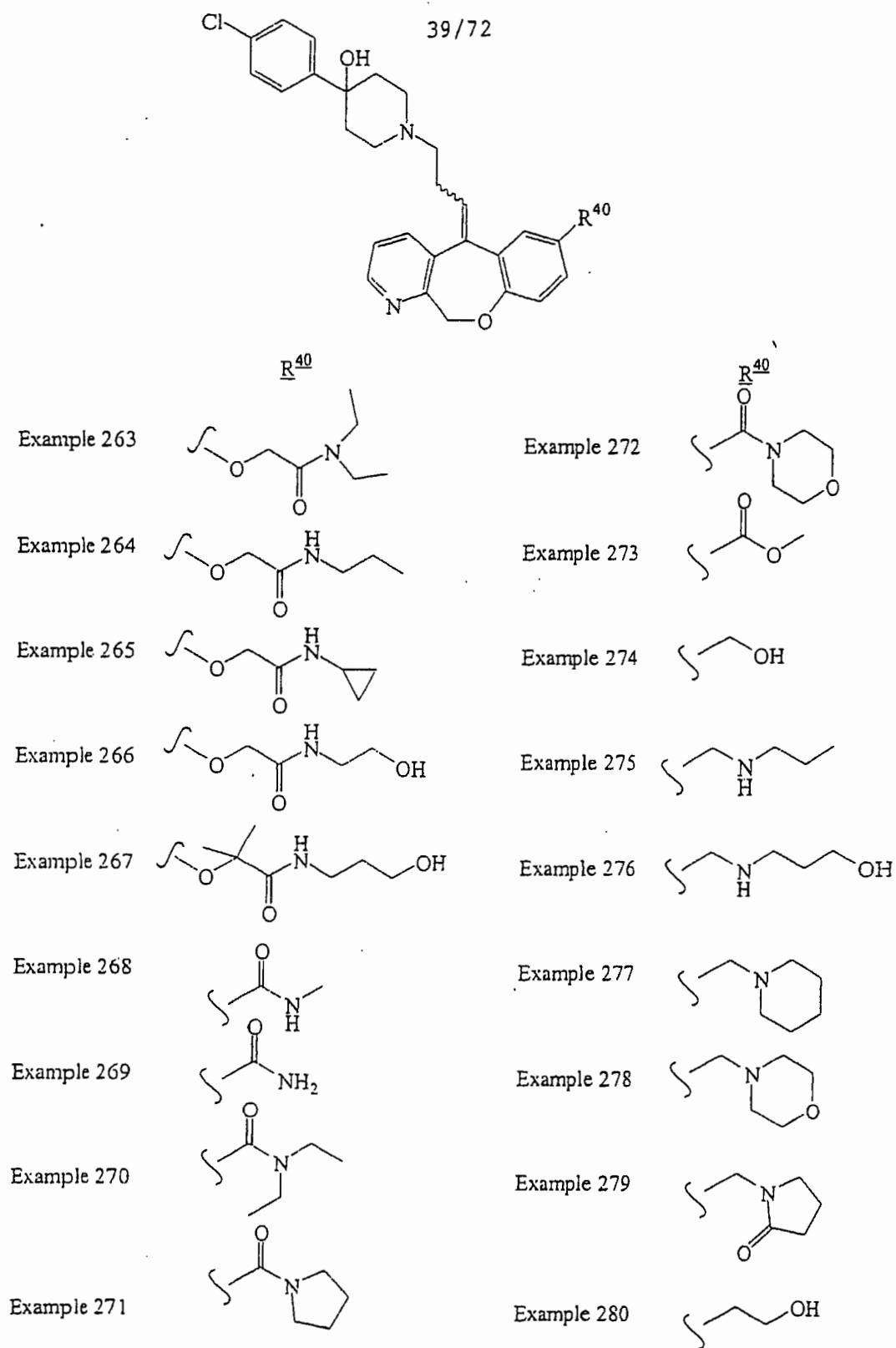


Figure 11C

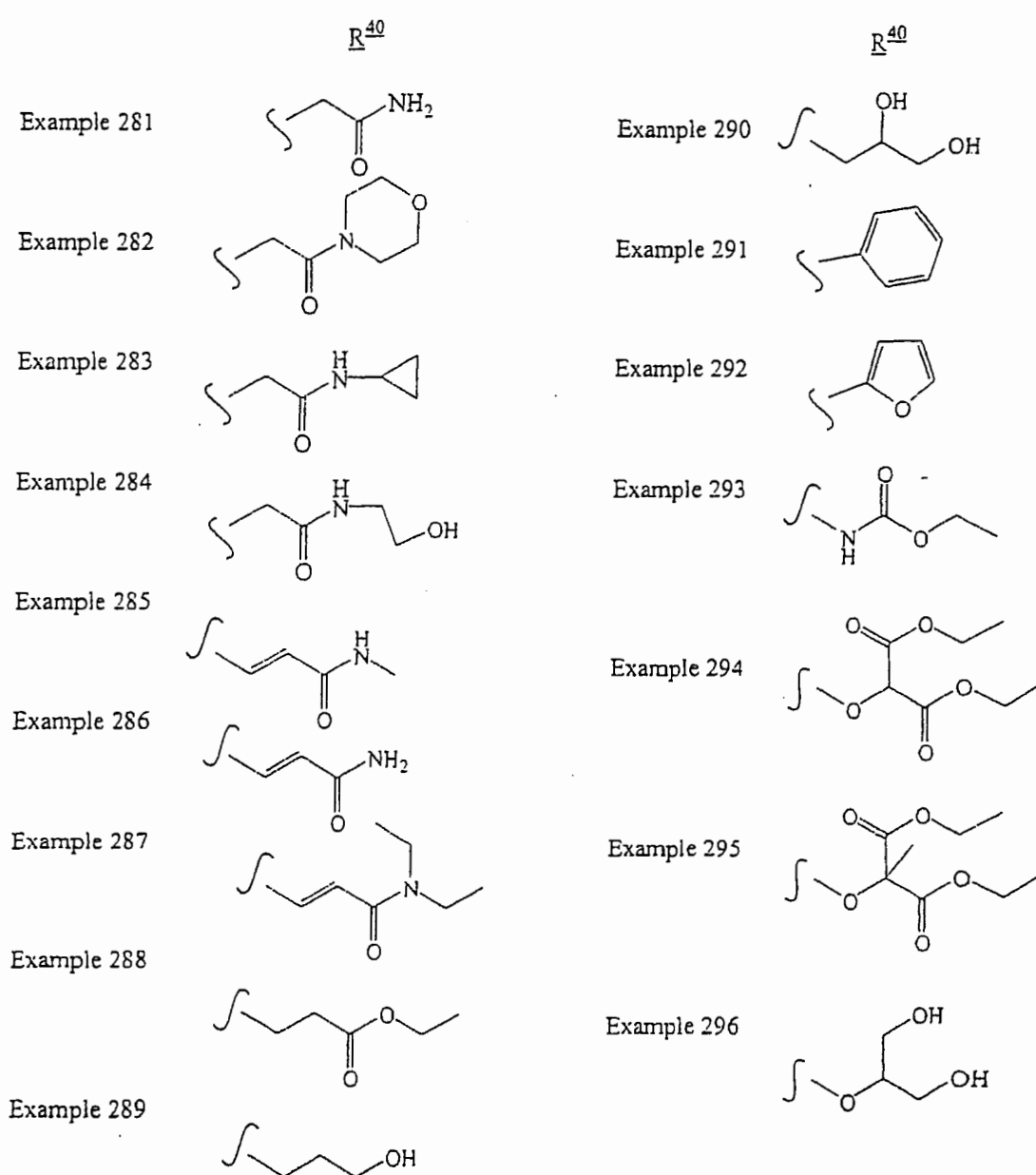
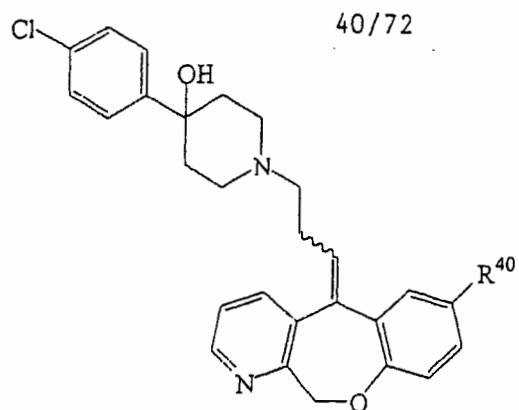


Figure 11D

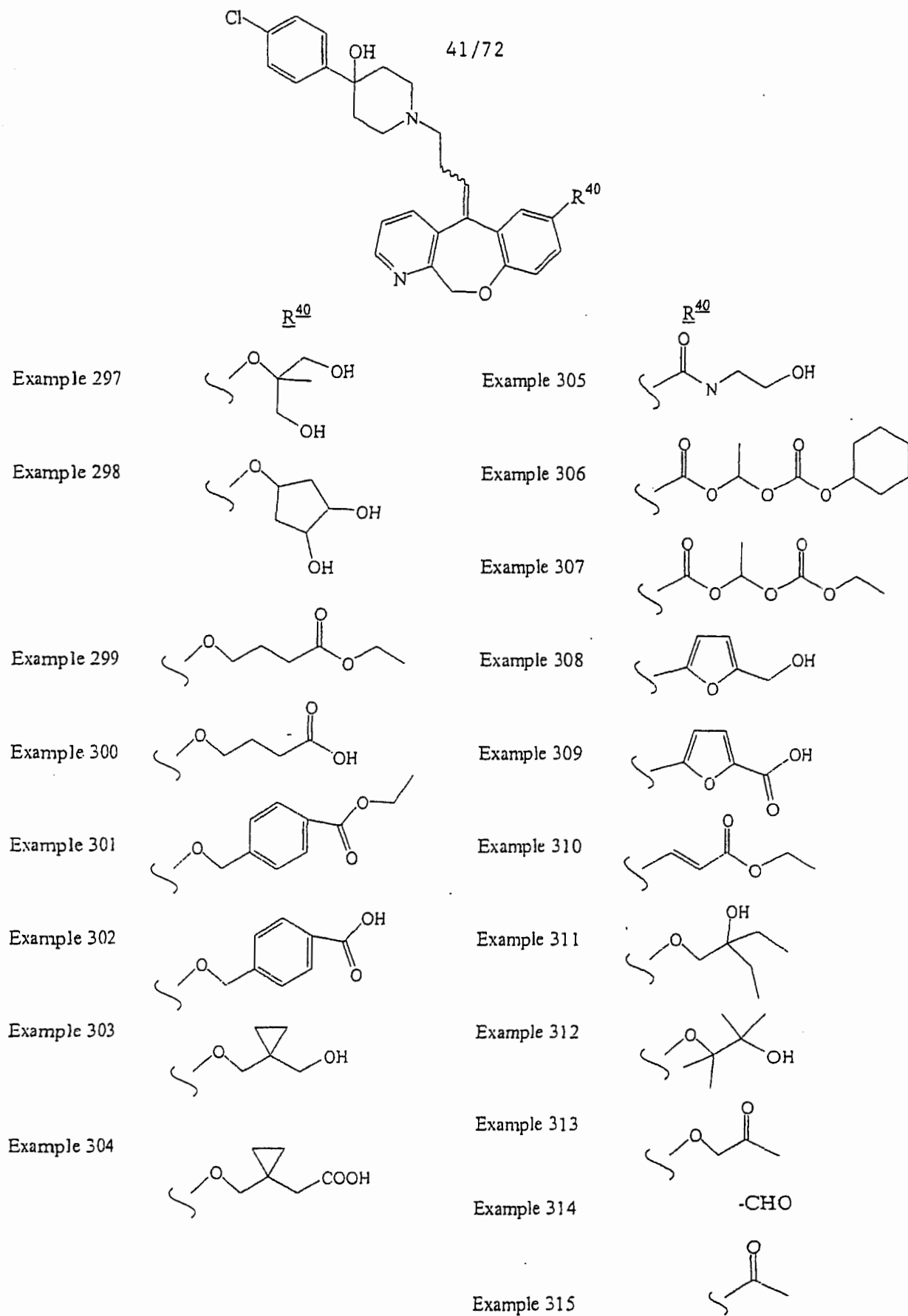


Figure 11E

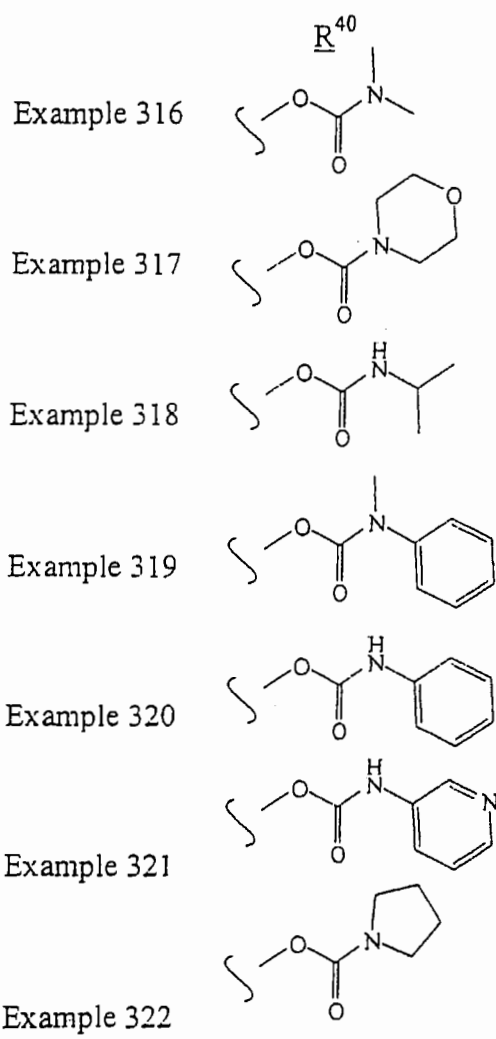
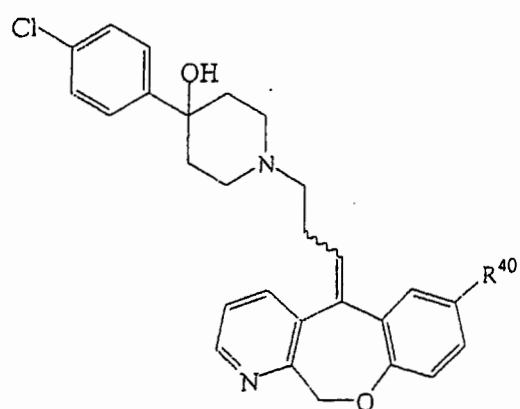
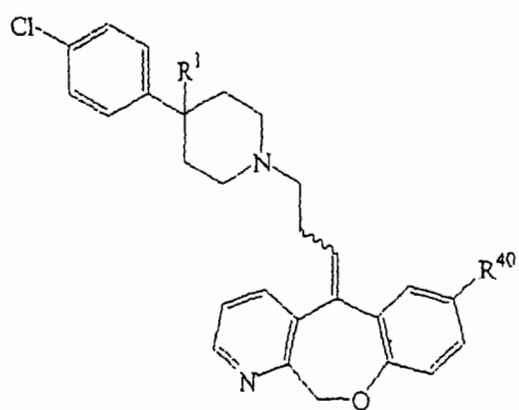
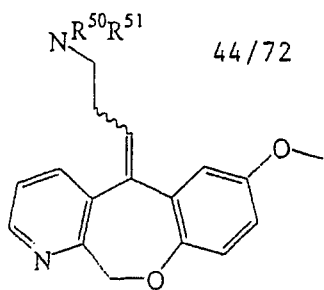


Figure 11F



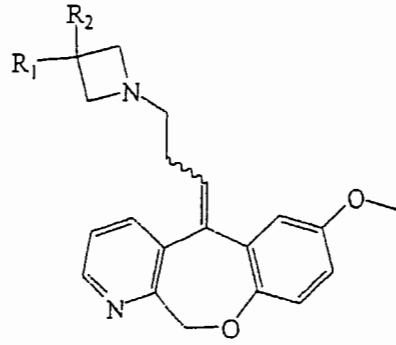
	<u>R¹</u>	<u>R⁴⁰</u>
Example 323	-CN	-OCH ₃
Example 324	-CH ₂ NH ₂	-OCH ₃
Example 325	-NH ₂	-OCH ₃
Example 326	-CH ₃	-OCH ₃
Example 327	-OCH ₃	-OCH ₃
Example 328	-F	-OH
Example 329	-CH ₃	-OH
Example 330	-CH ₃	

Figure 11G



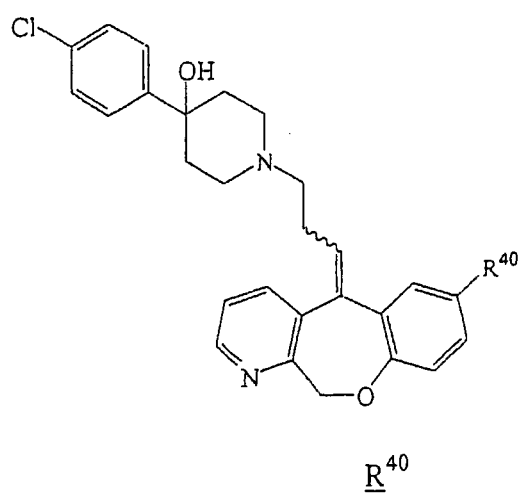
	R^{50}	R^{51}
Example 331	<chem>Clc1ccc(cc1)C(=O)N[...]</chem>	-H
Example 332	<chem>Clc1ccc(cc1)C(=O)N[...]</chem>	-H
Example 333	<chem>Clc1ccc(cc1)CC[...]</chem>	-CH ₃
Example 334	<chem>Clc1ccc(cc1)CC[...]</chem>	-CH ₃
Example 335	<chem>Clc1ccc(cc1)CC[...]</chem>	-CH ₃
Example 336	<chem>Clc1ccc(cc1)CC[...]</chem>	-CH ₃
Example 337	<chem>Clc1ccc(cc1)CC[...]</chem>	<chem>[...]CCCO</chem>

Figure 11H

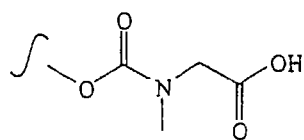


	$\underline{R}^1$	$\underline{R}^2$
Example 338	-OH	
Example 339	-H	
Example 340	-H	
Example 341	-OH	
Example 342		

Figure 11I



Example 343



Example 344

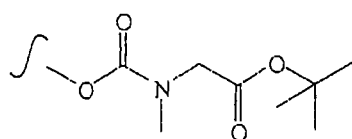
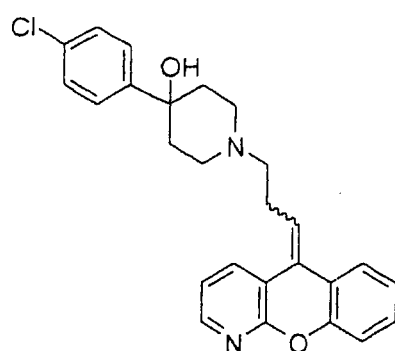
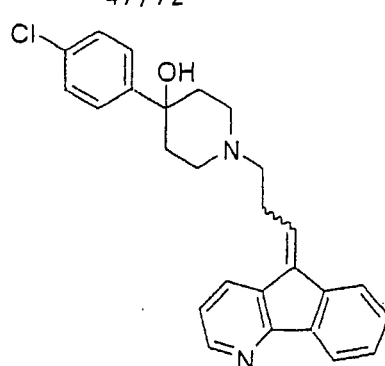


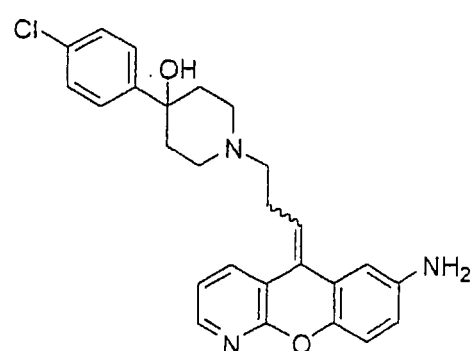
Figure 11J



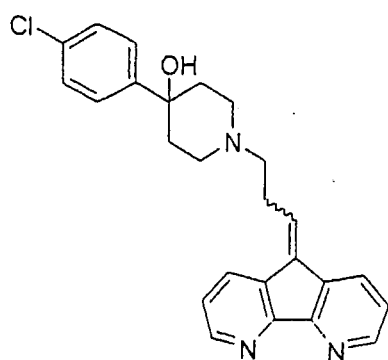
Example 345



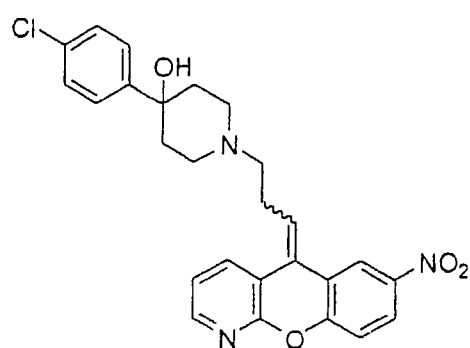
Example 346



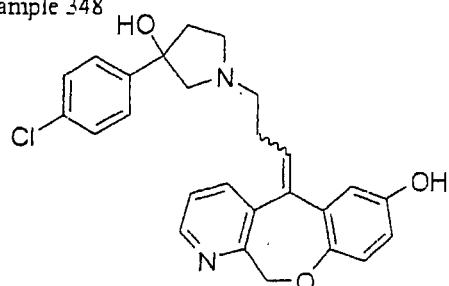
Example 347



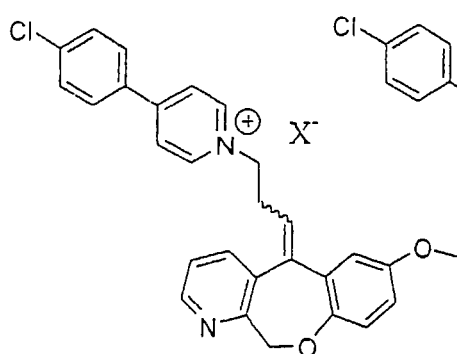
Example 348



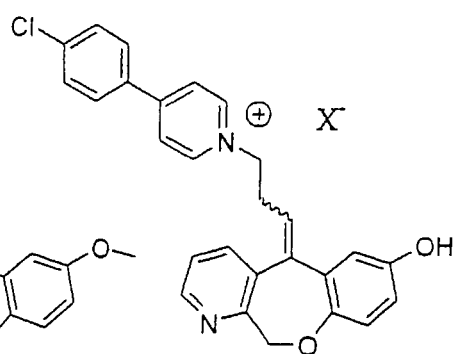
Example 349



Example 350



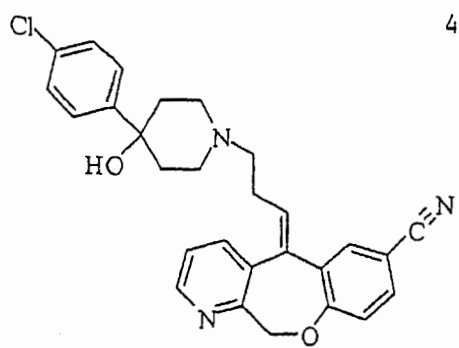
Example 351



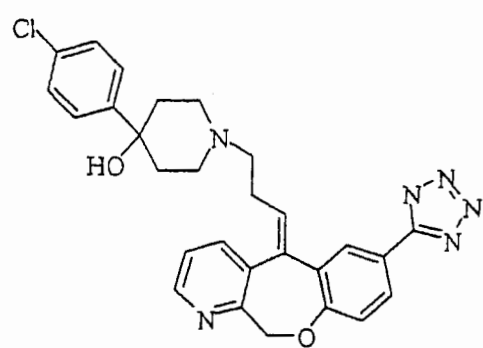
Example 352

Figure 11K

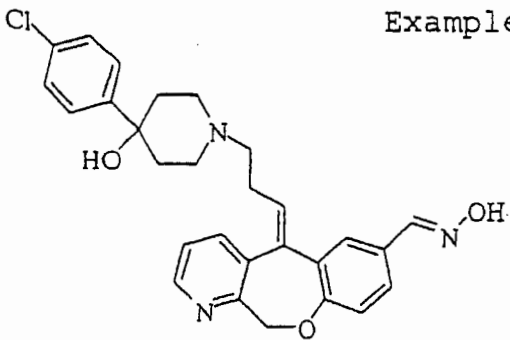
Figure 11L



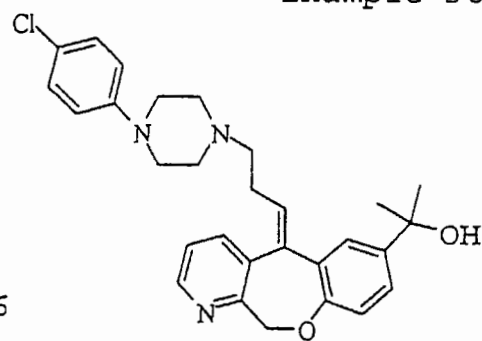
Example 364



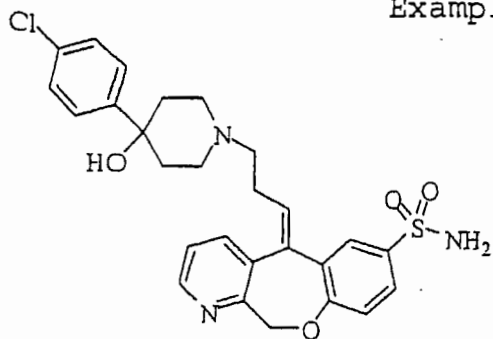
Example 365



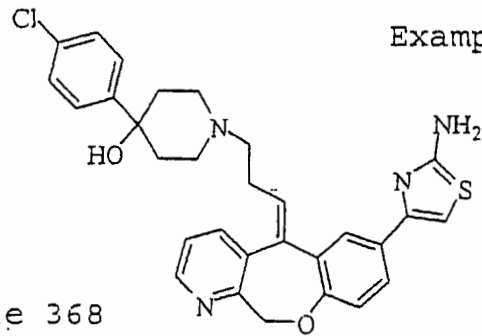
Example 366



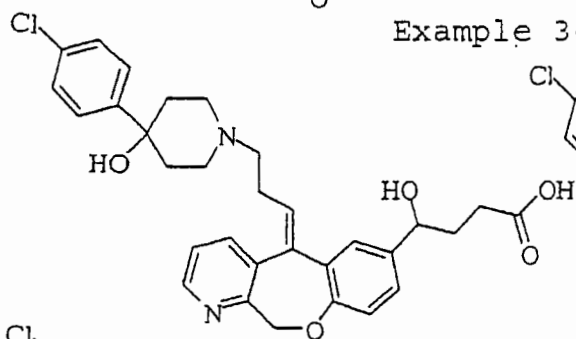
Example 367



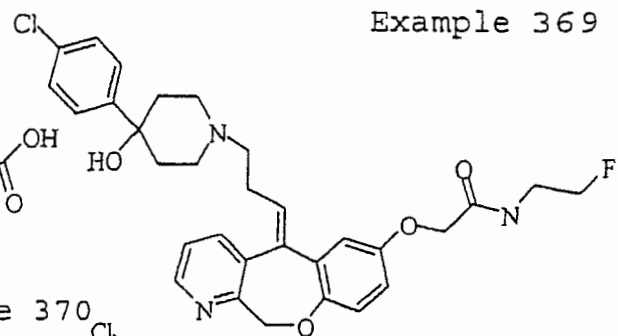
Example 368



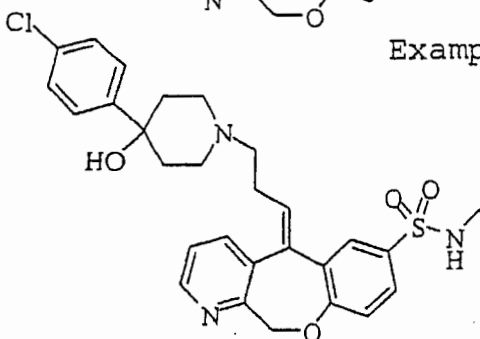
Example 369



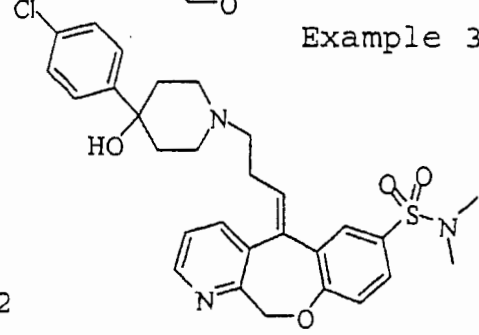
Example 370



Example 371



Example 372



Example 373

Figure 11M

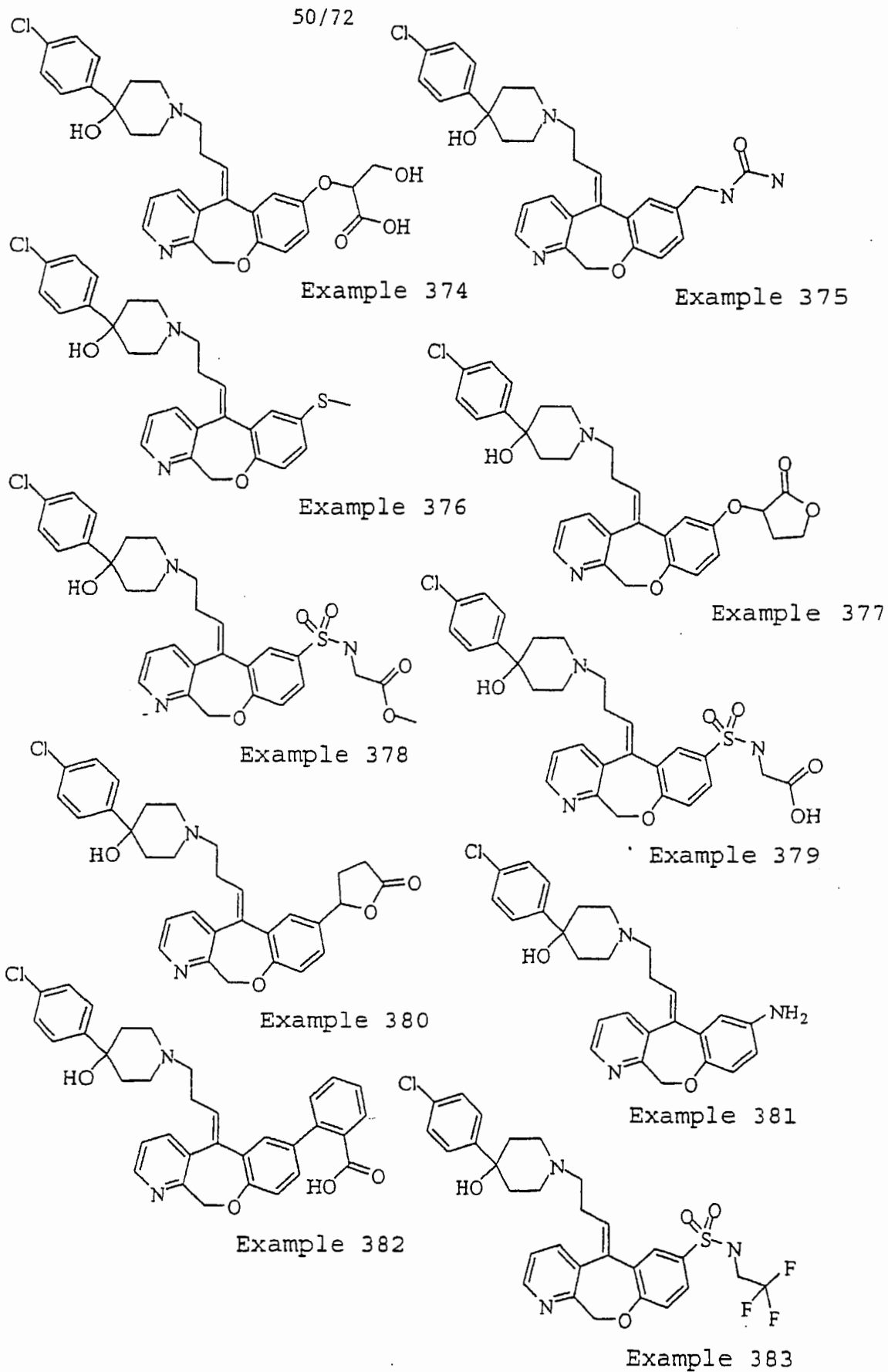
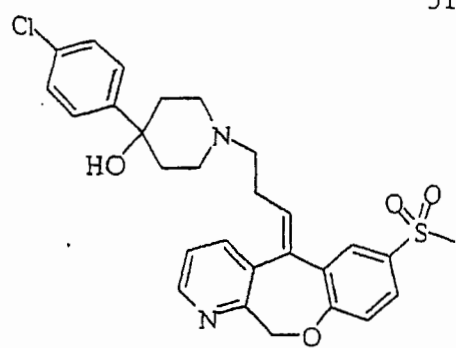
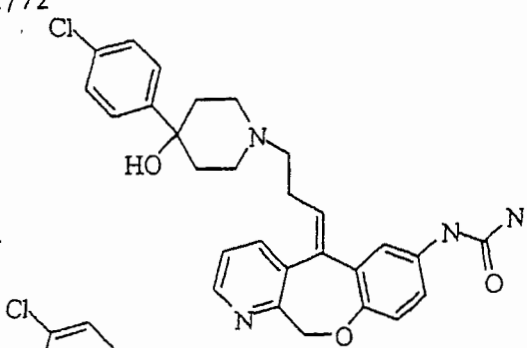


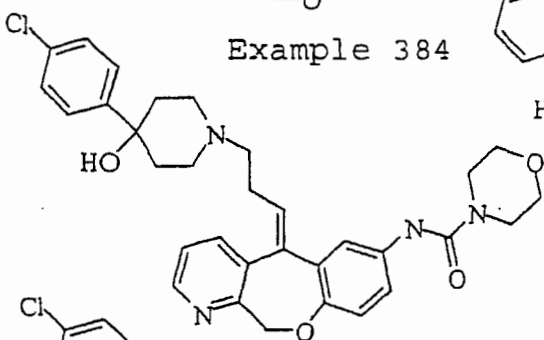
Figure 11N



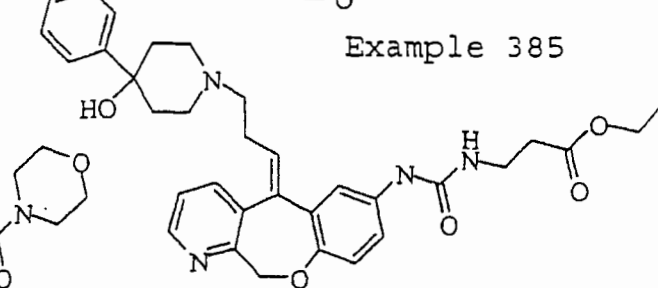
Example 384



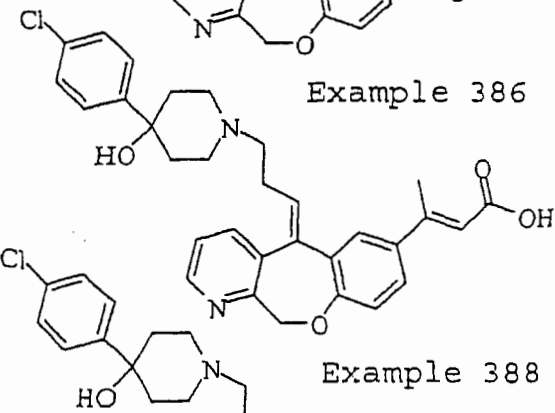
Example 385



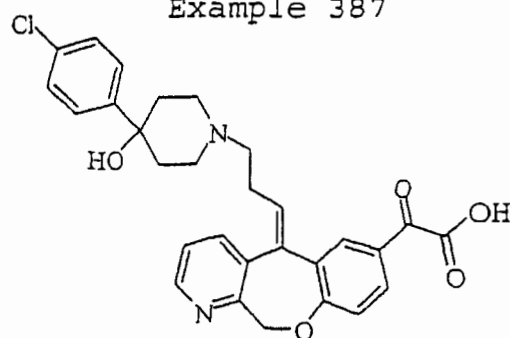
Example 386



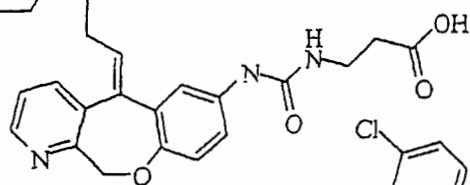
Example 387



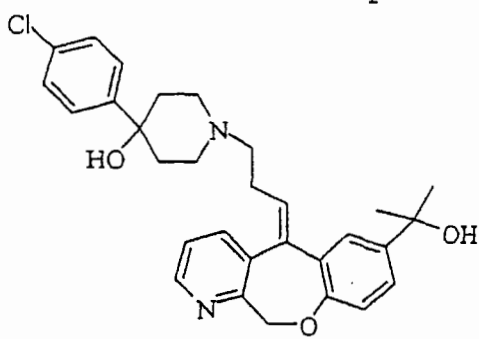
Example 388



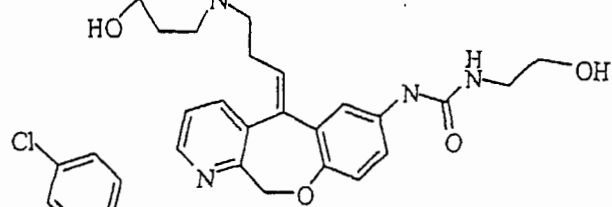
Example 389



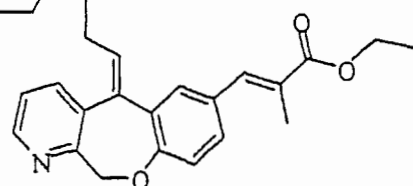
Example 390



Example 392



Example 391



Example 393

Figure 110

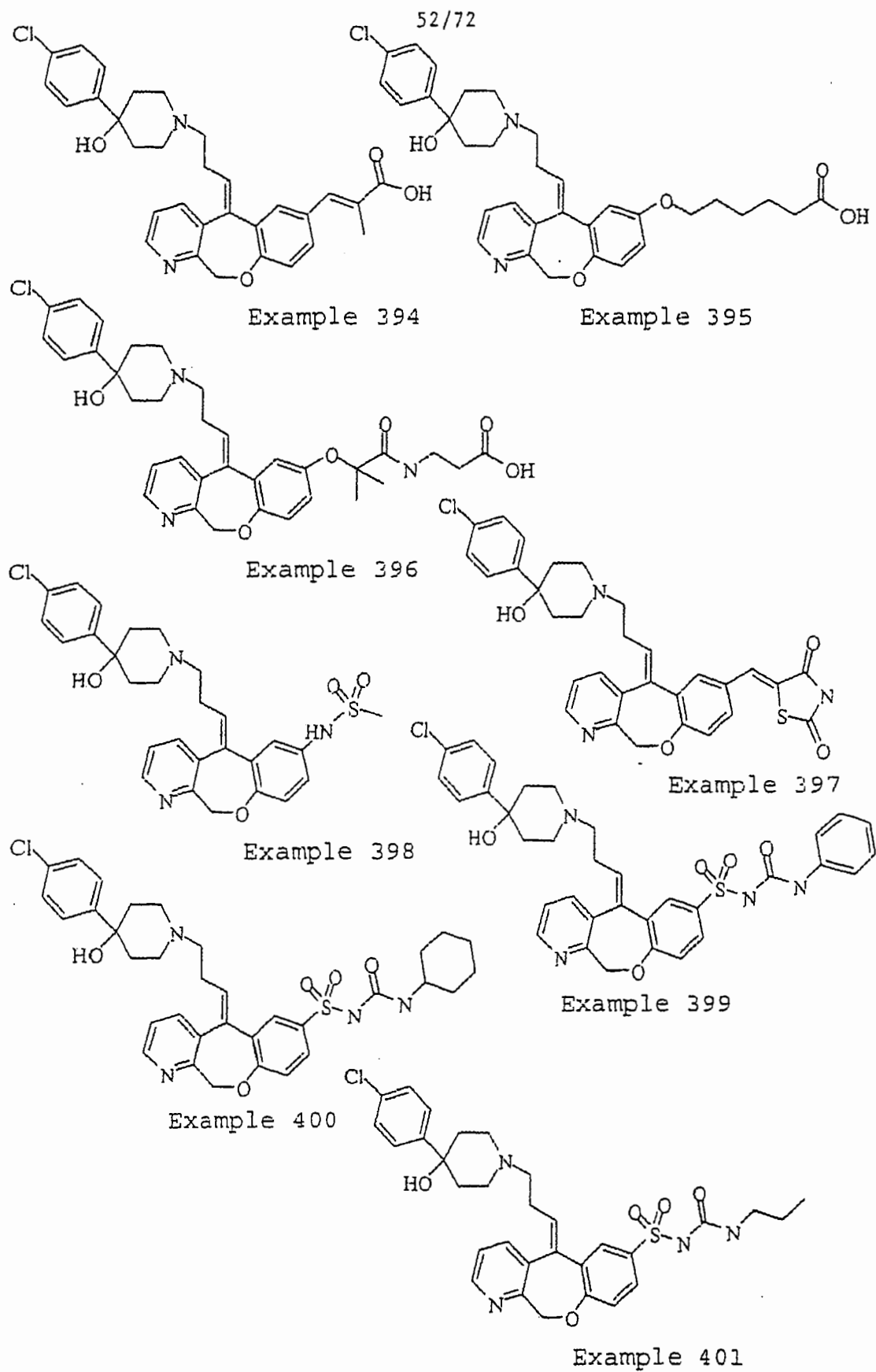


Figure 11P

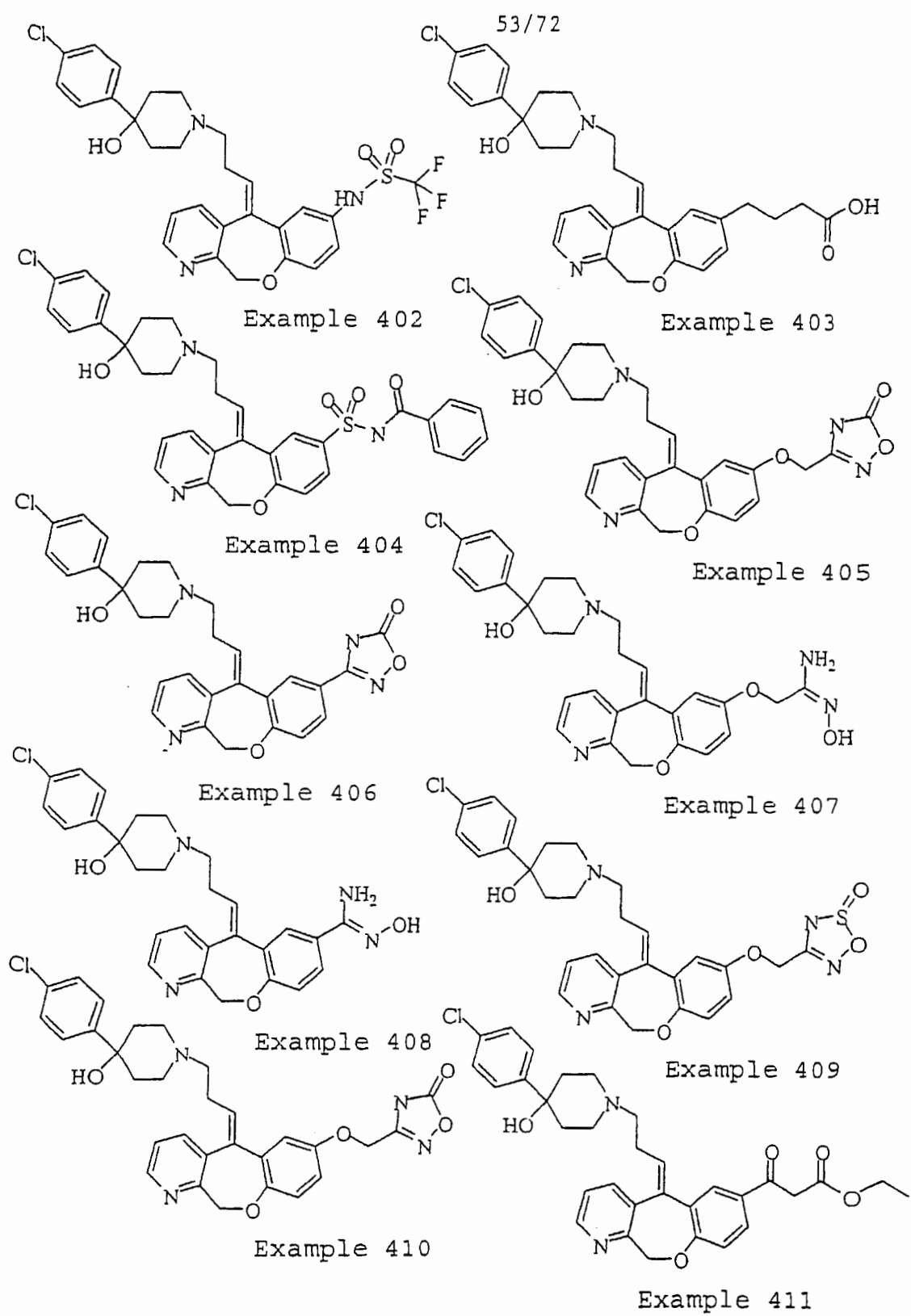


Figure 11Q

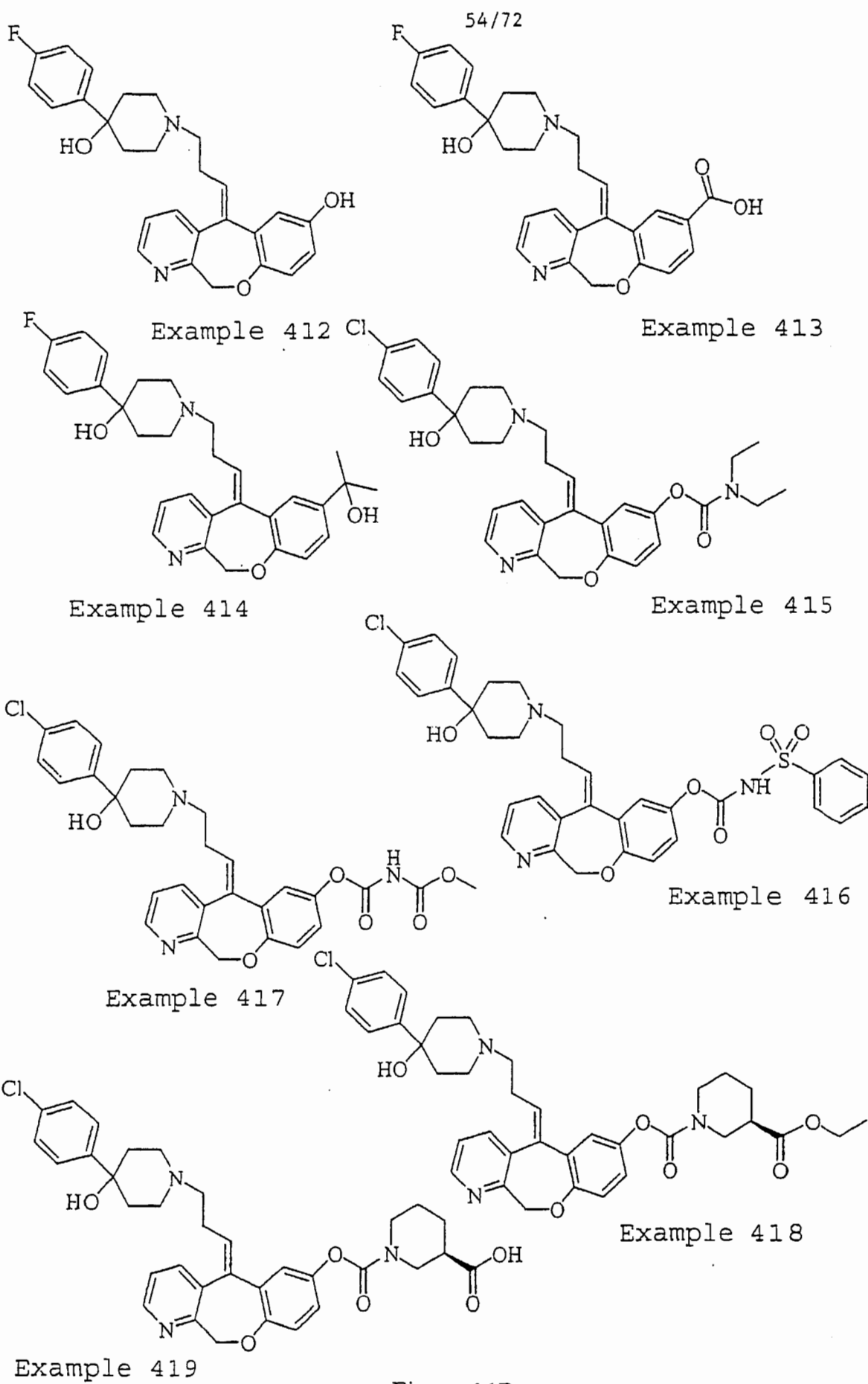
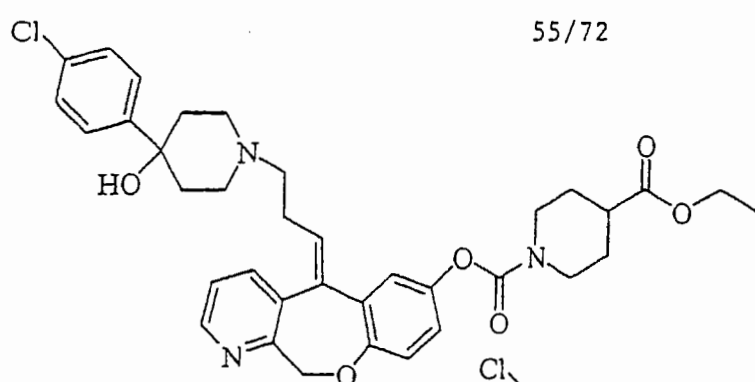
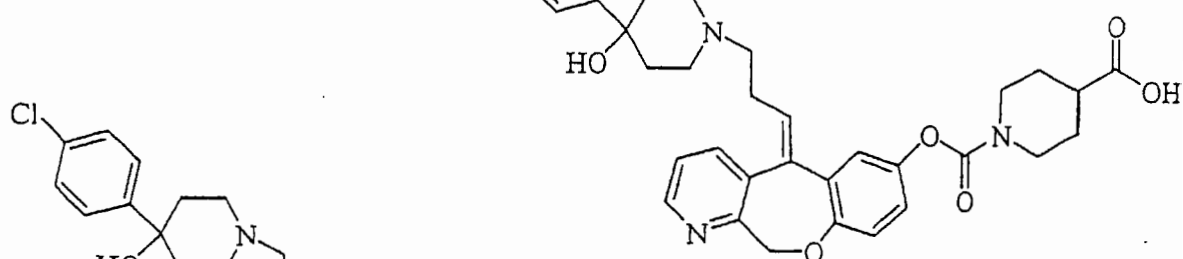


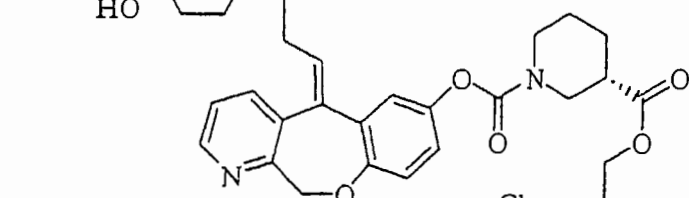
Figure 11R



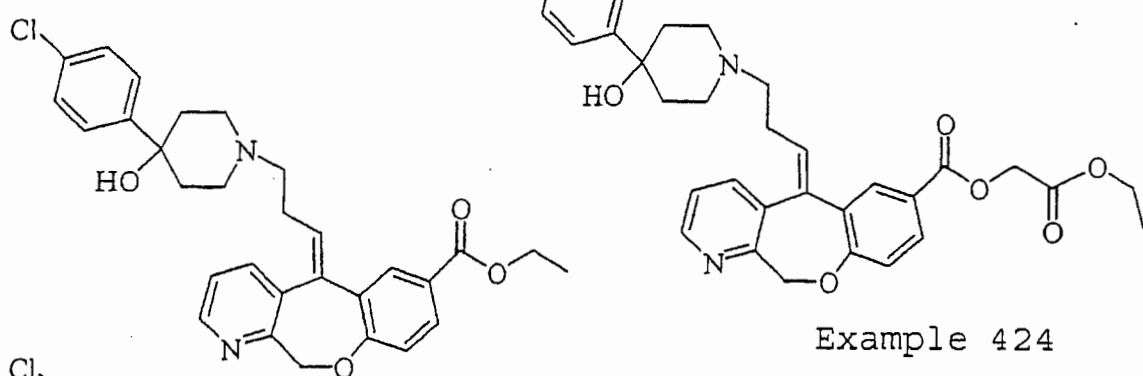
Example 420



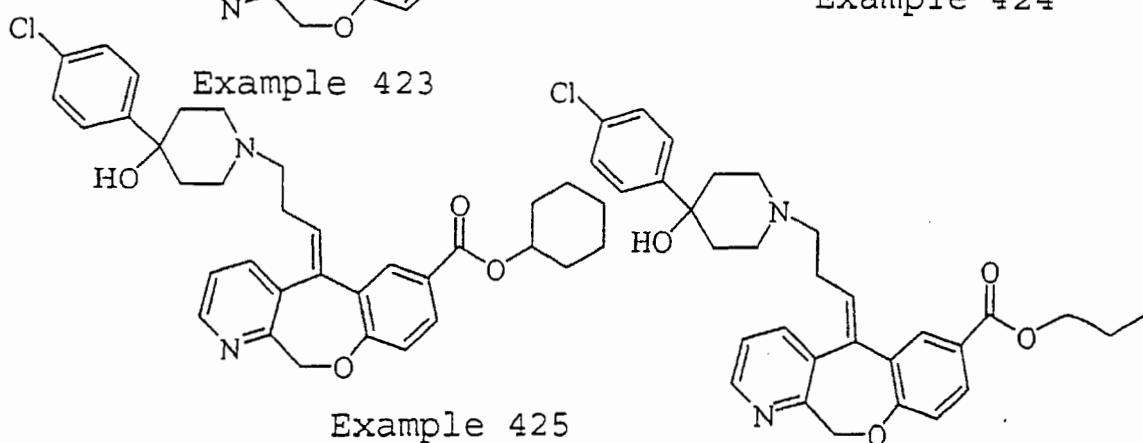
Example 421



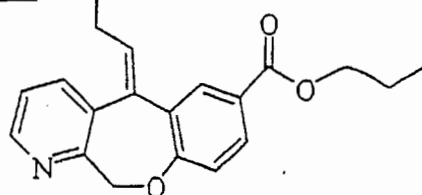
Example 422



Example 423

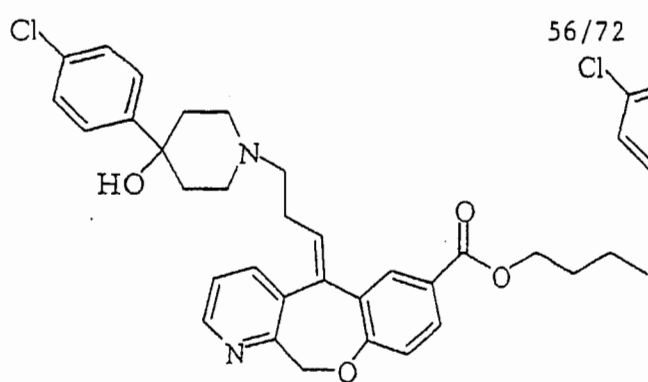


Example 425

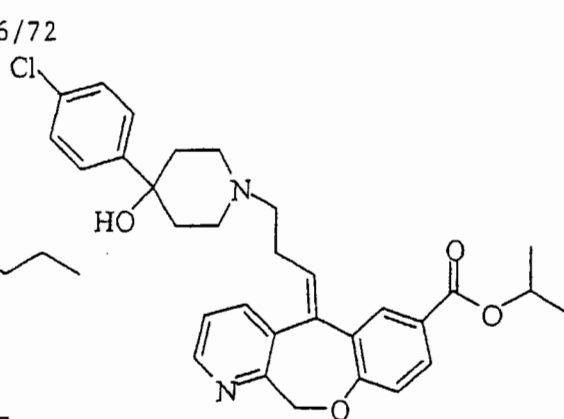


Example 426

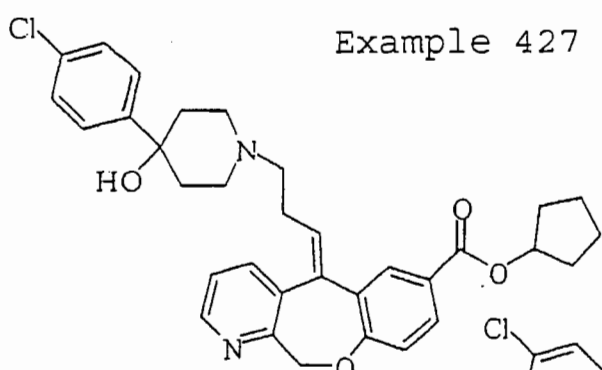
Figure 11S



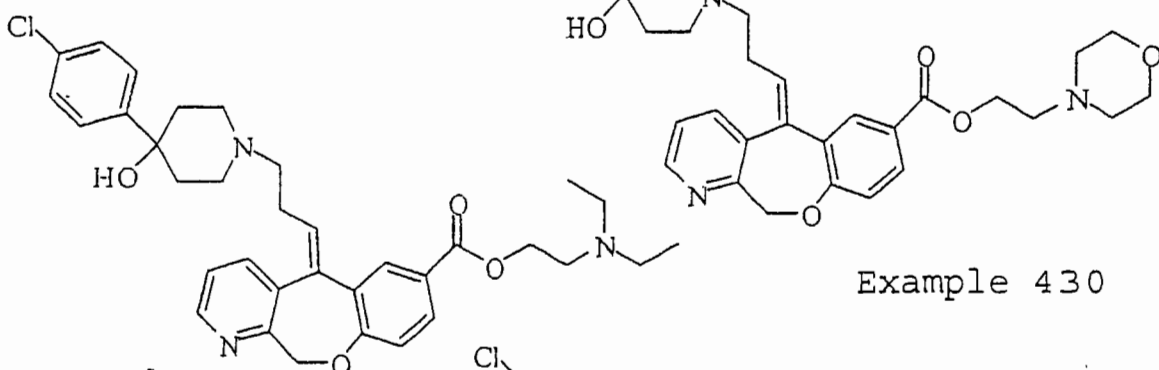
Example 427



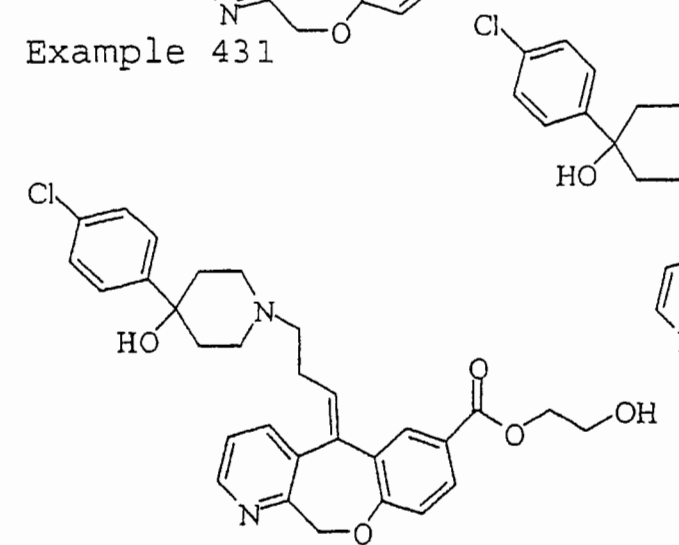
Example 428



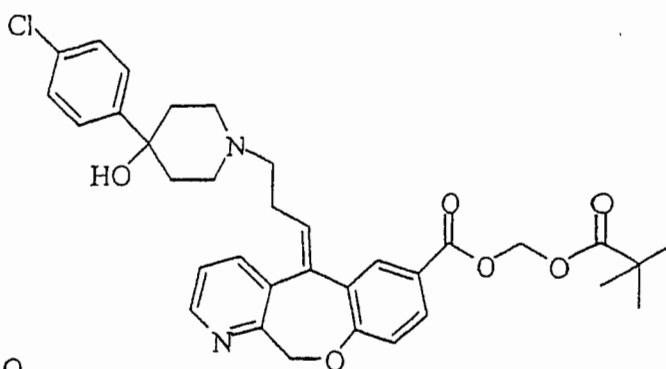
Example 429



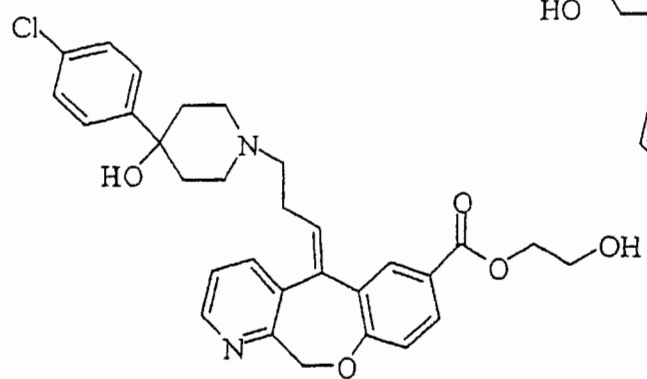
Example 430



Example 431



Example 432



Example 433

Figure 11T

Figure 12

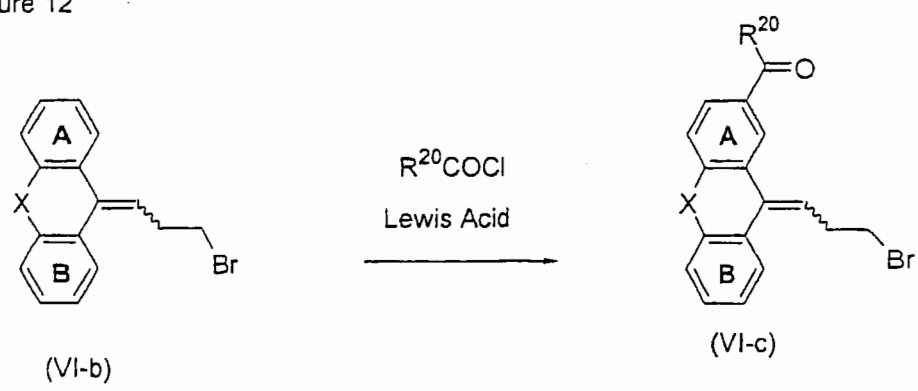
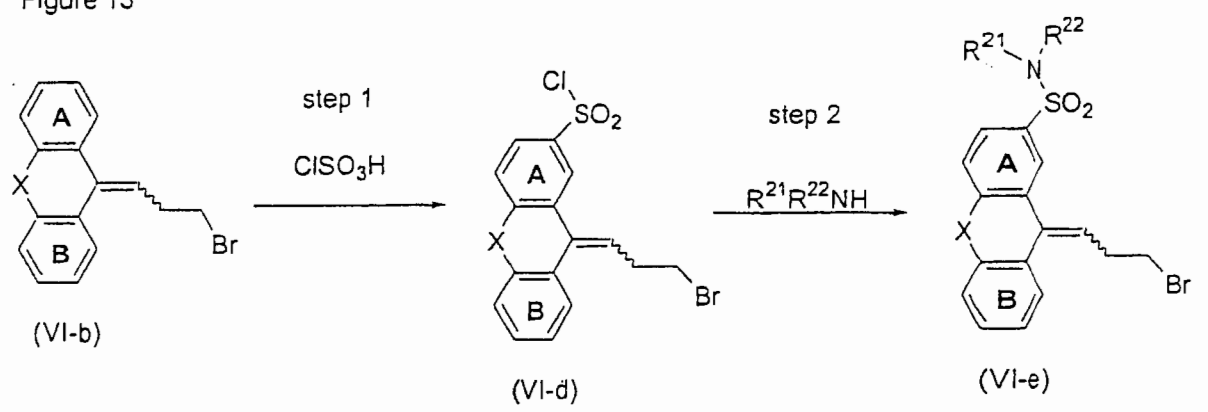


Figure 13



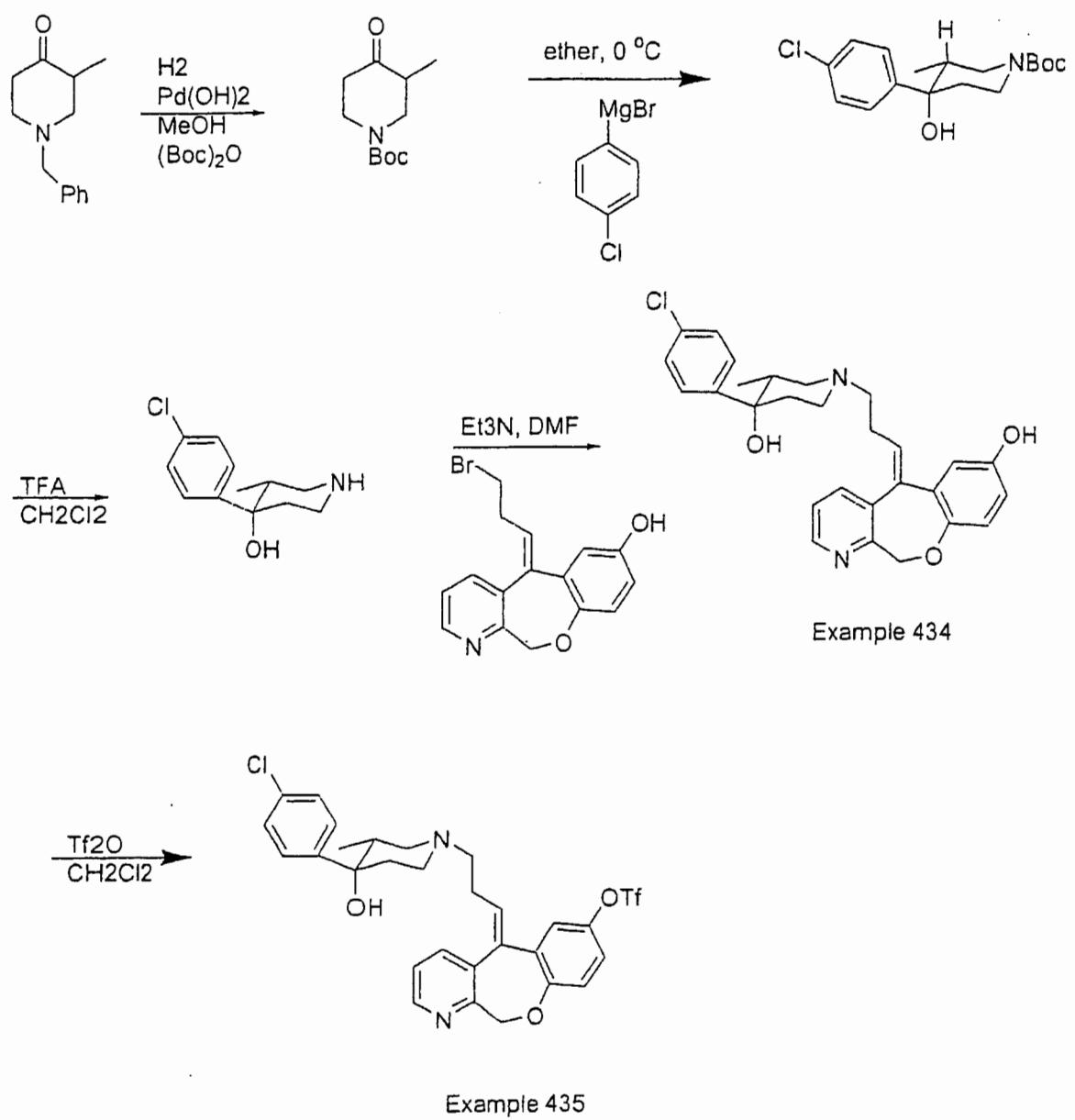


Figure 14

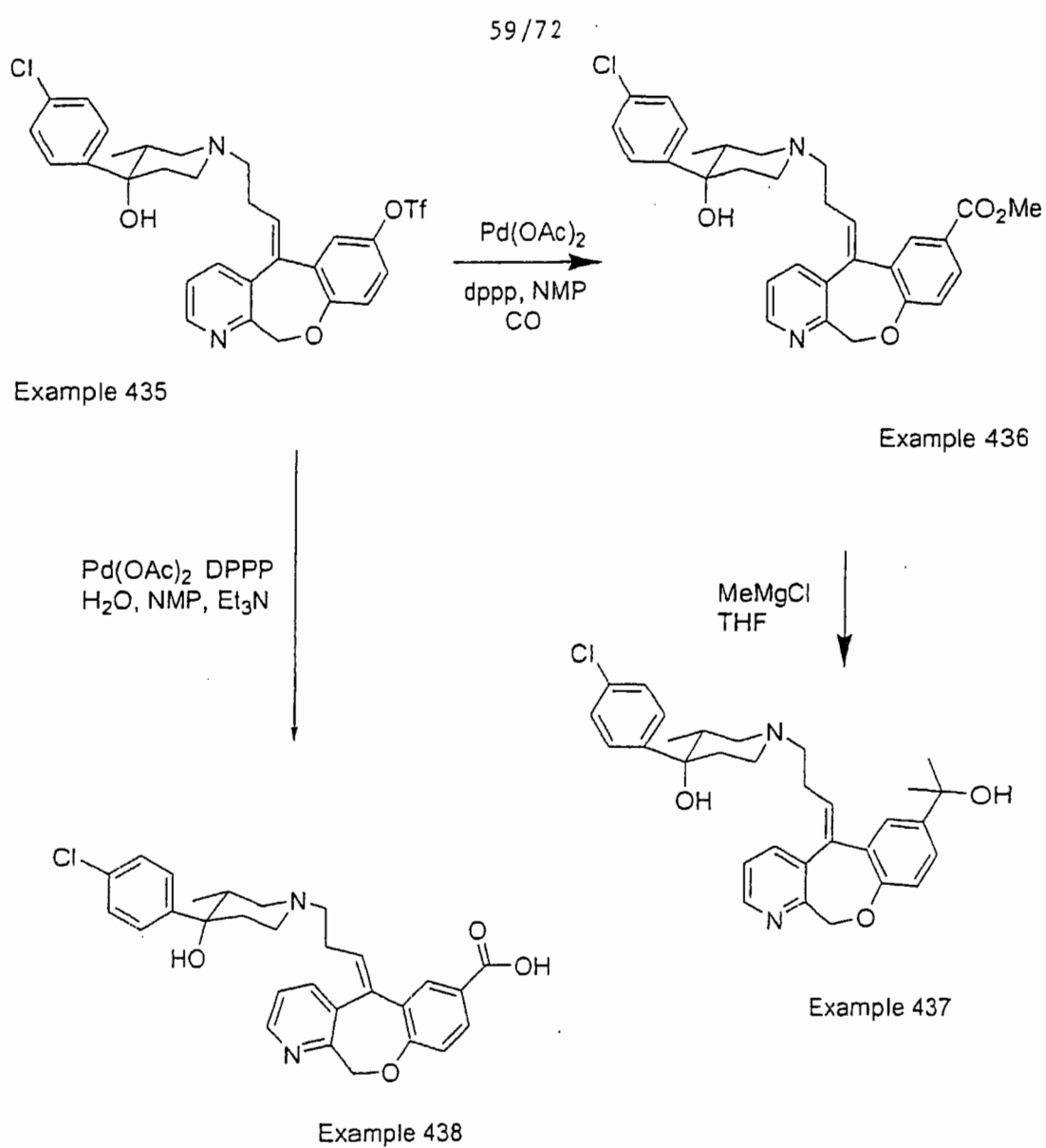


Figure 15

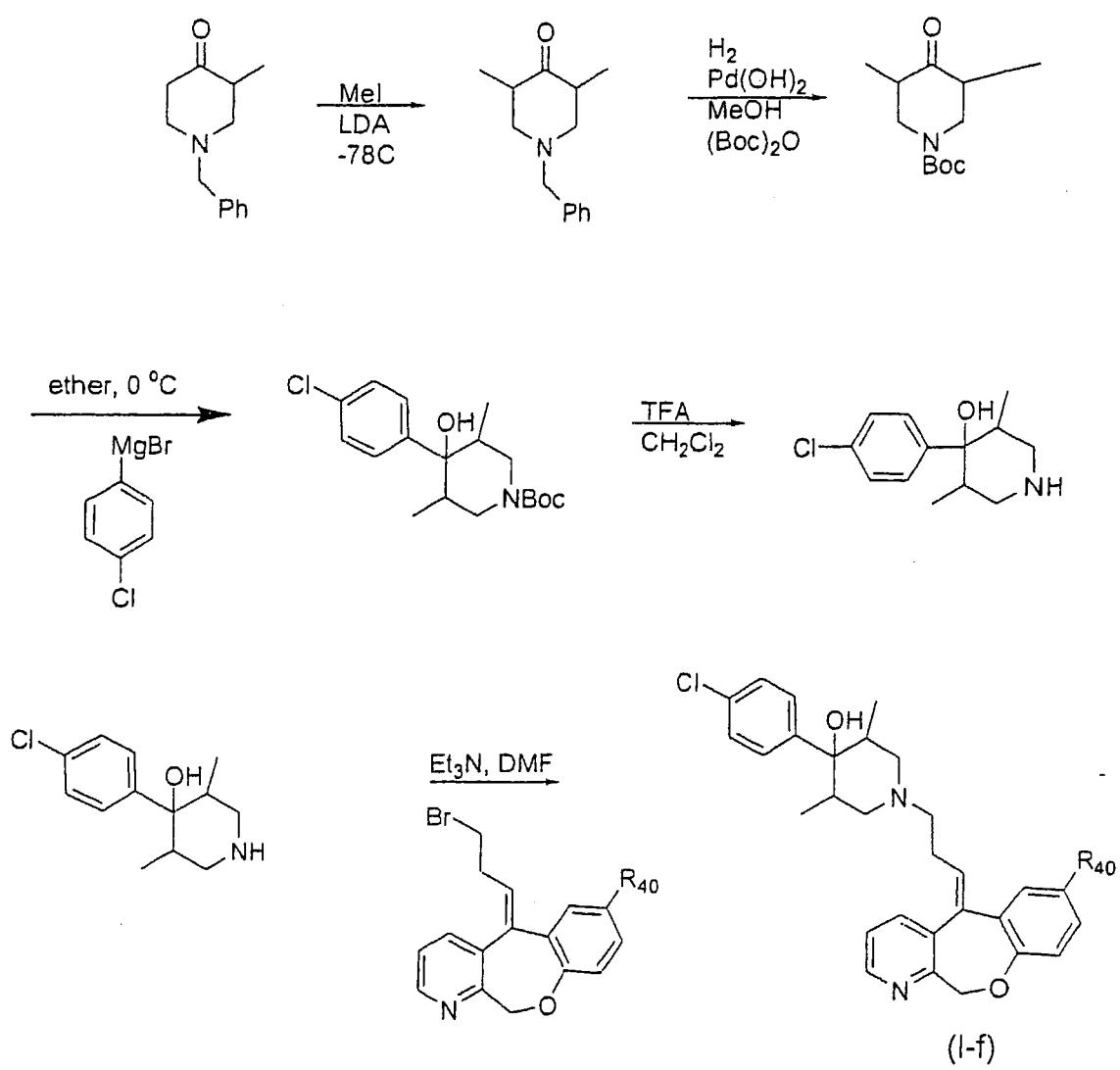


Figure 16

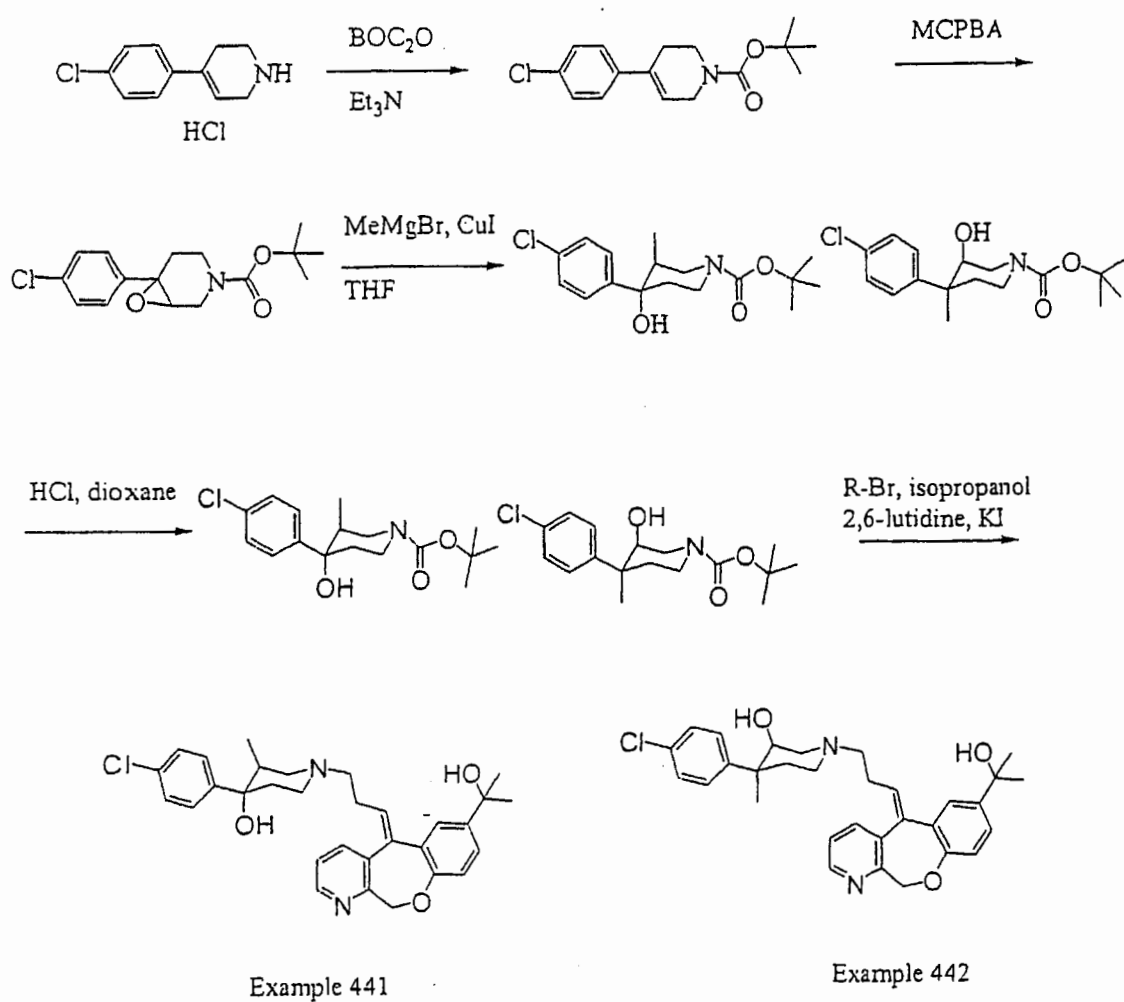


Figure 17

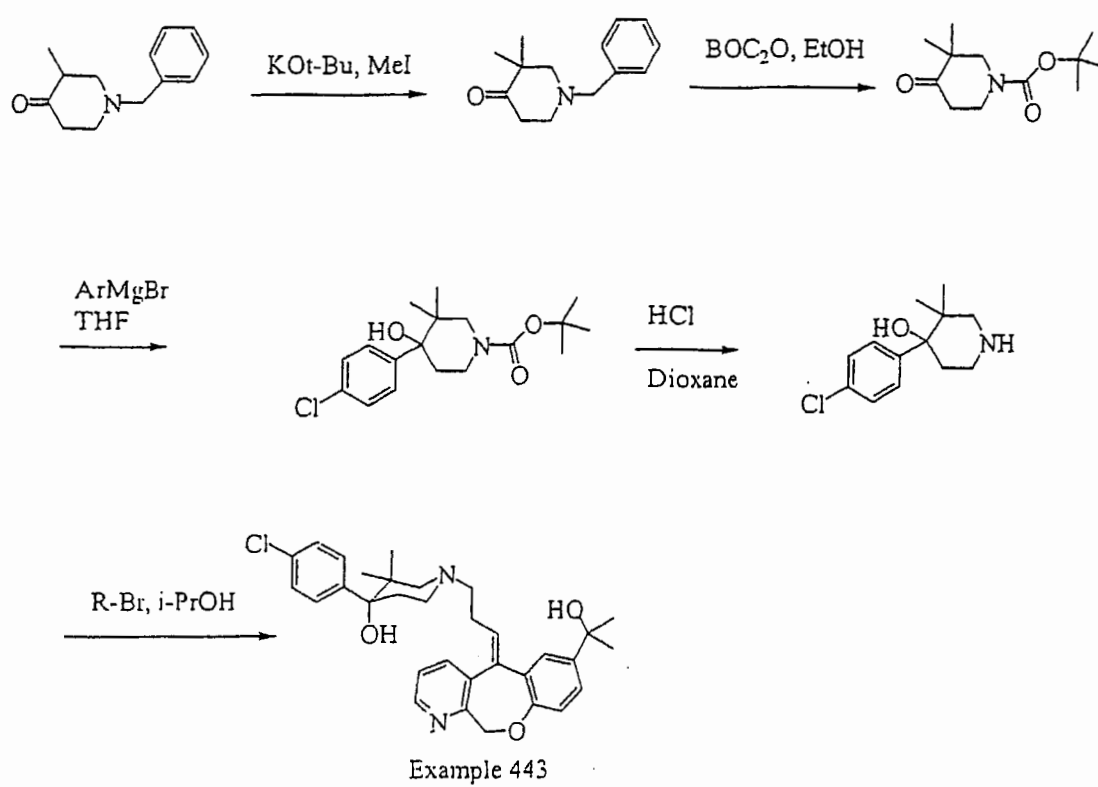


Figure 18

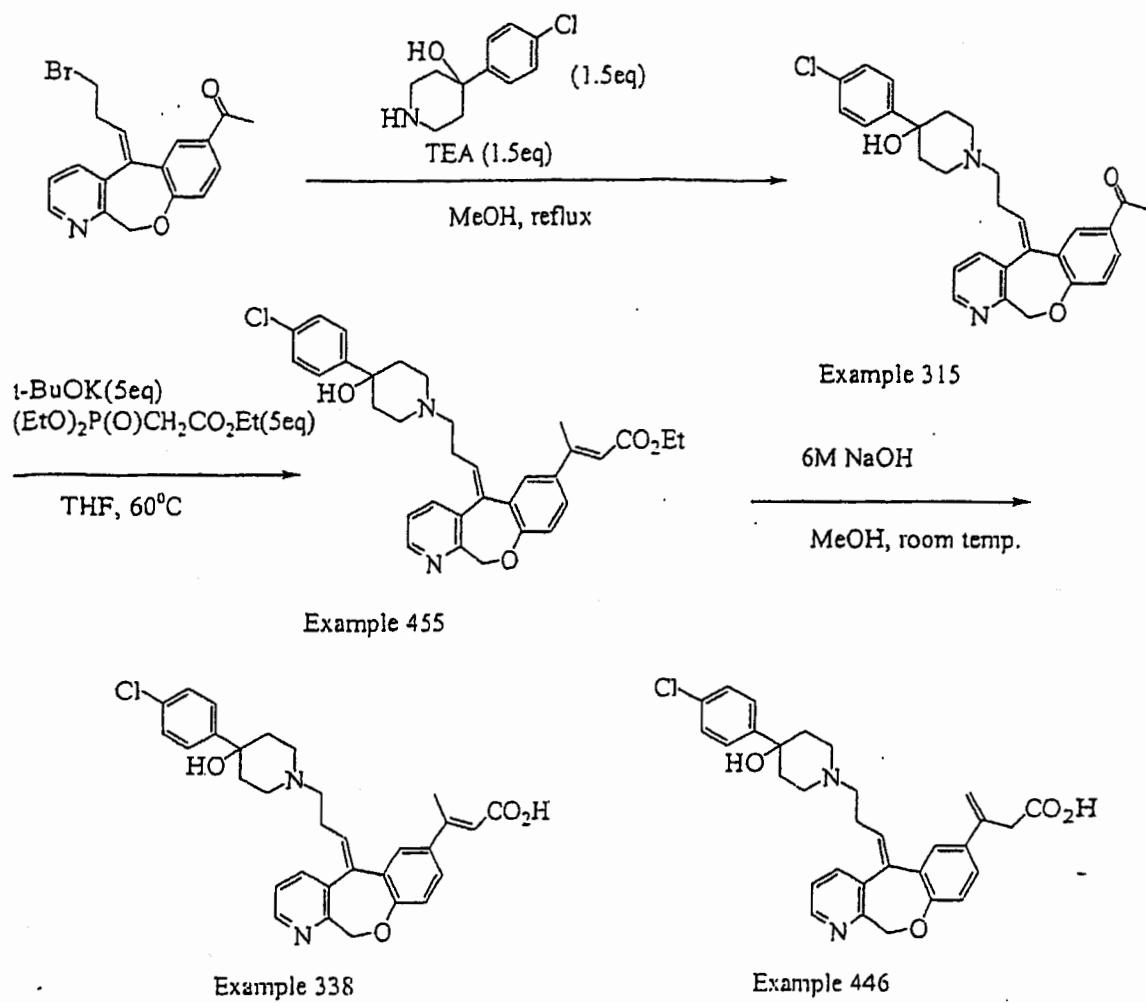
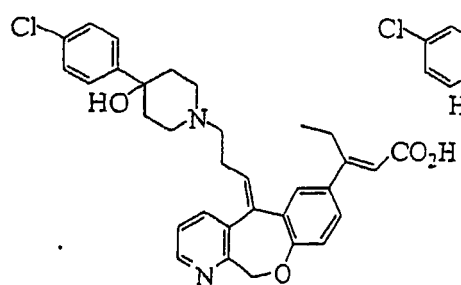
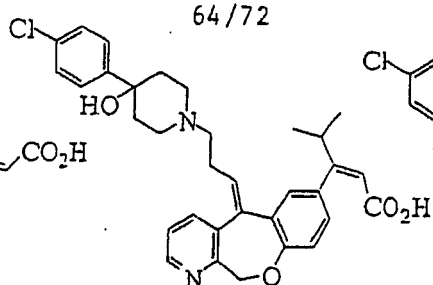


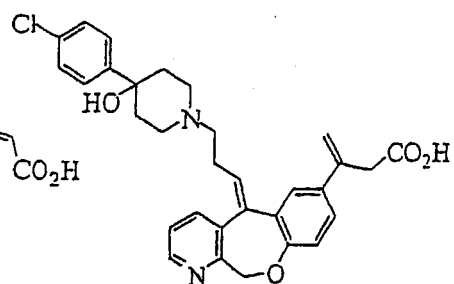
Figure 19



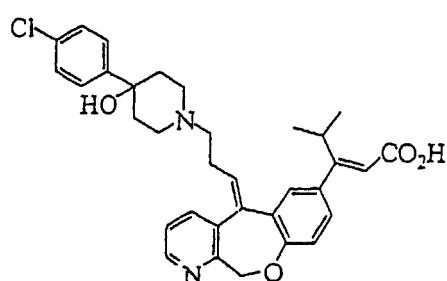
Example 444



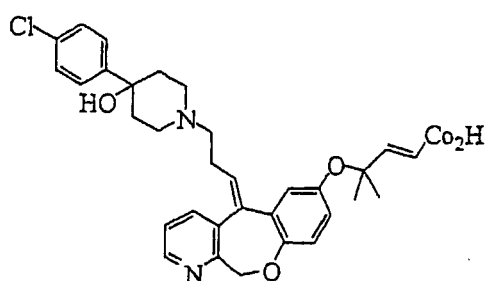
Example 445



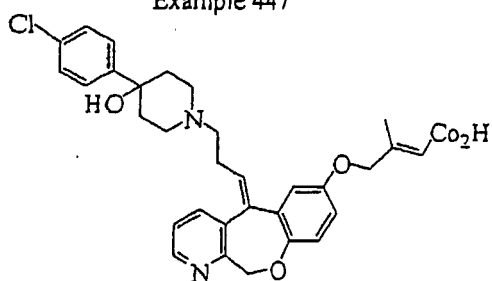
Example 446



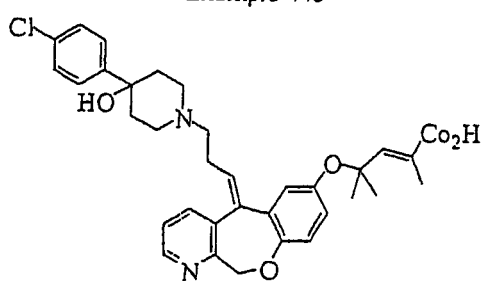
Example 447



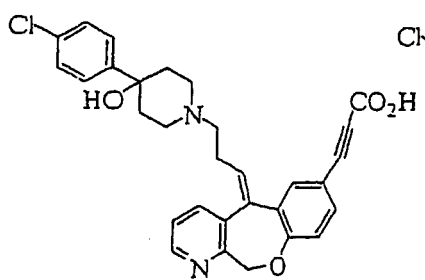
Example 448



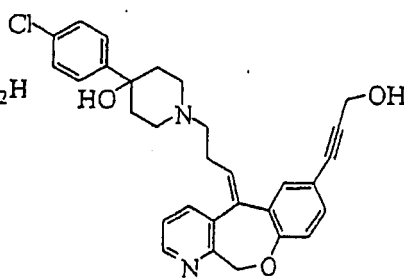
Example 449



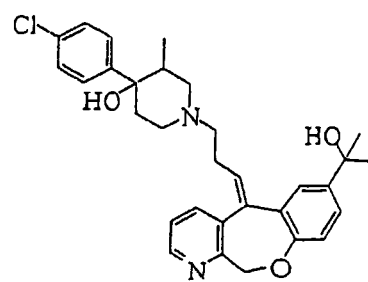
Example 450



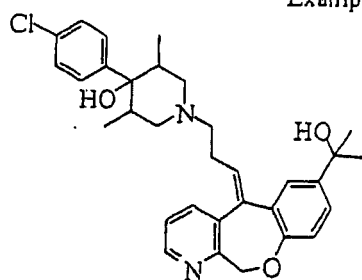
Example 451



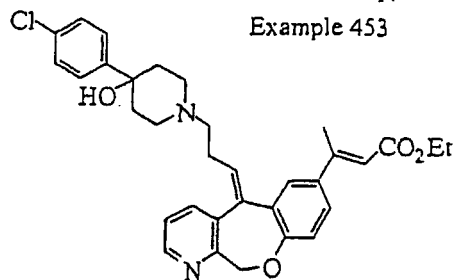
Example 452



Example 453



Example 454



Example 455

Figure 20

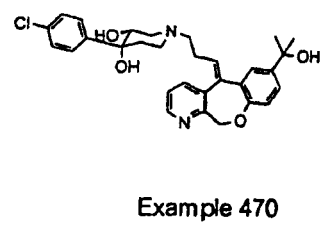
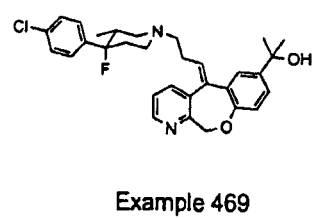
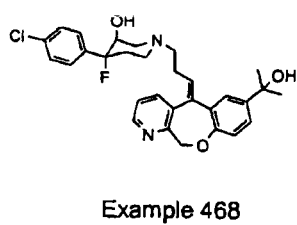
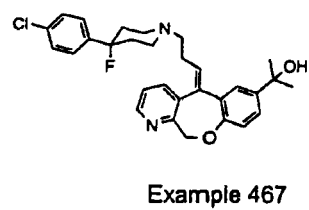
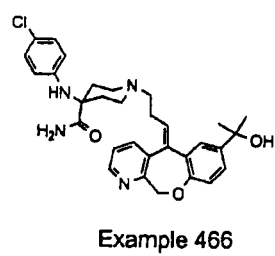
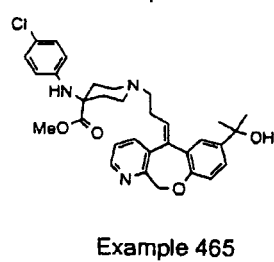
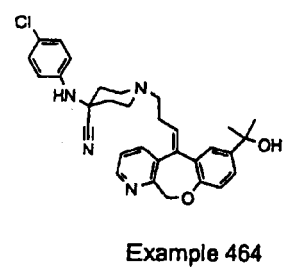
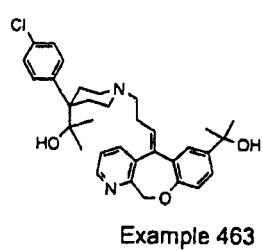
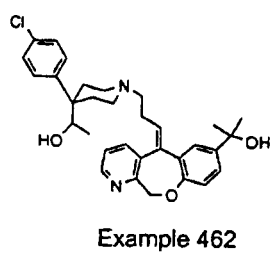
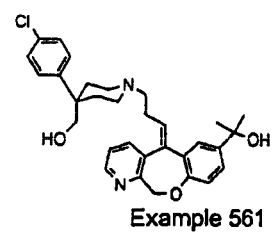
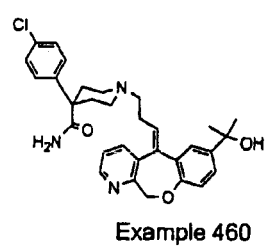
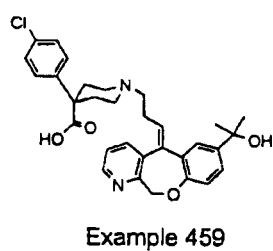
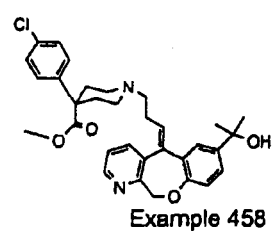
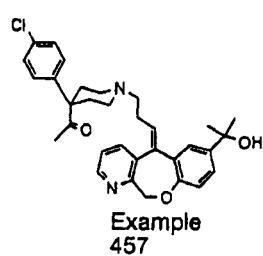
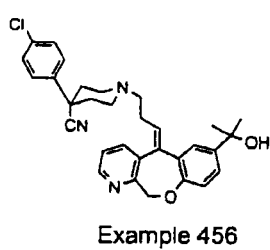
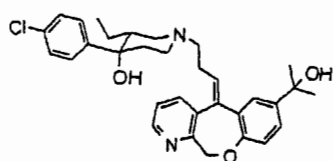
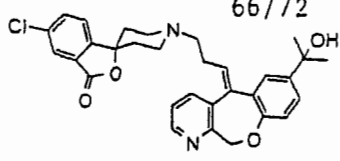


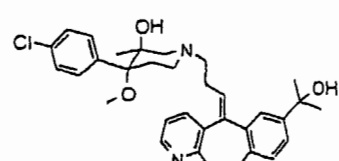
Figure 21



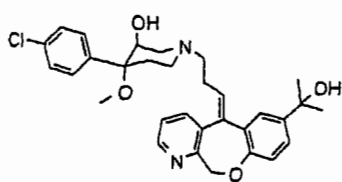
Example 471



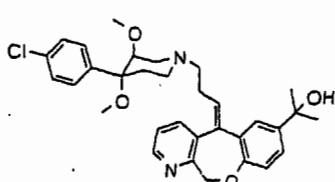
Example 472



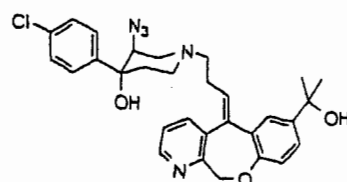
Example 473



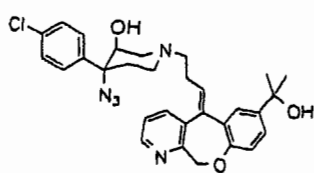
Example 474



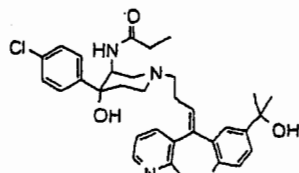
Example 475



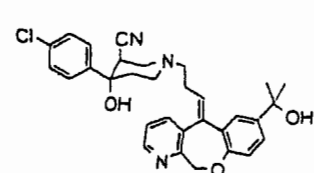
Example 476



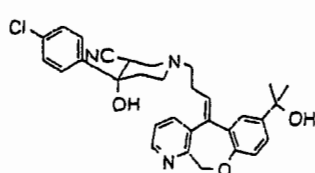
Example 477



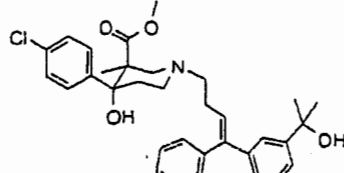
Example 478



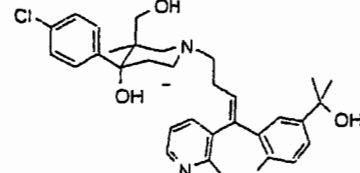
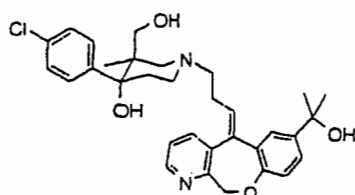
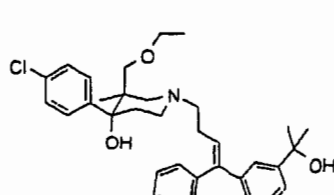
Example 479



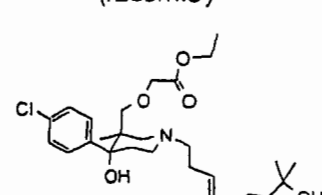
Example 480



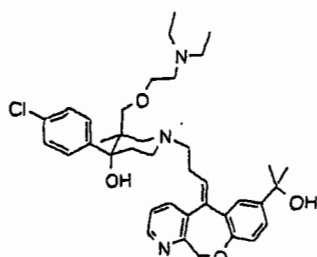
Example 481

Example 482
(racemic)Example 483-1 (chiral)
Example 483-2 (chiral)

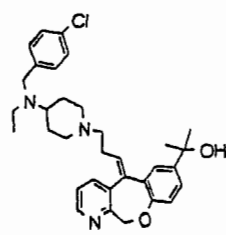
Example 484



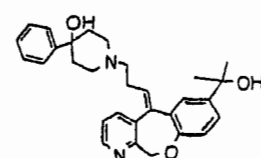
Example 485



Example 486

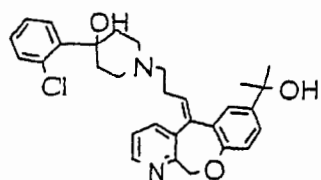


Example 487

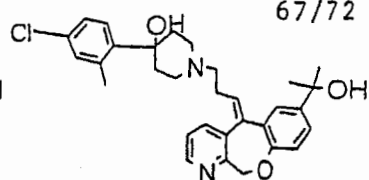


Example 488

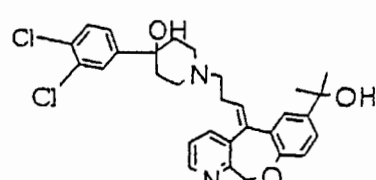
Figure 22



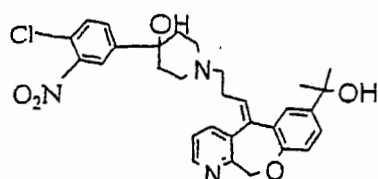
Example 489



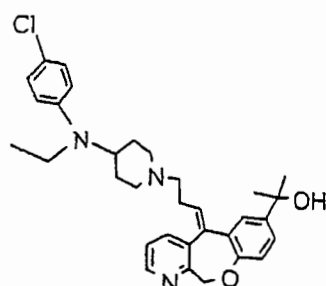
Example 490



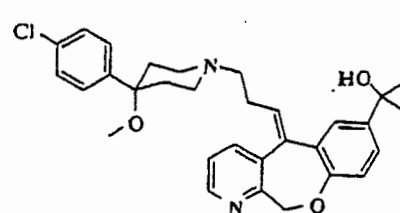
Example 491



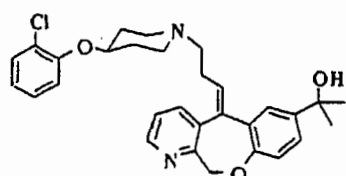
Example 492



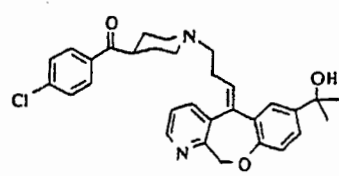
Example 493



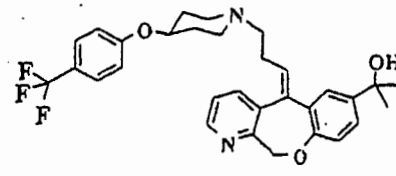
Example 494



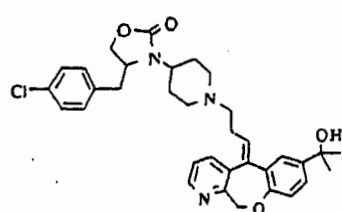
Example 495



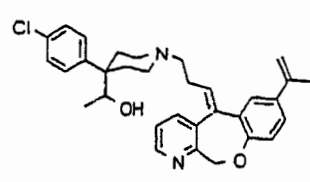
Example 496



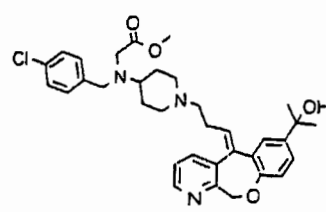
Example 497



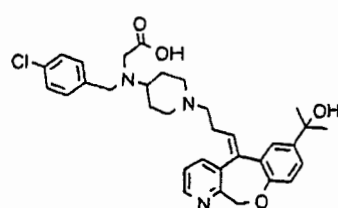
Example 498



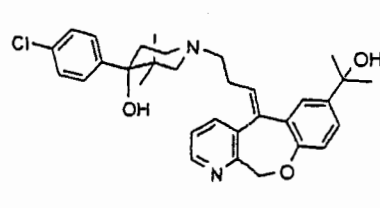
Example 499



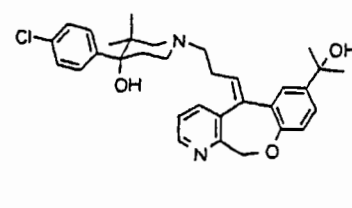
Example 500



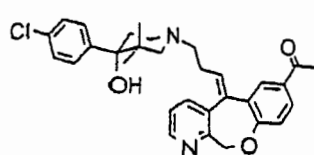
Example 501



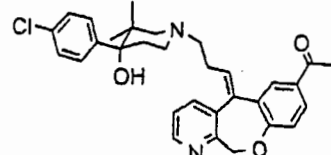
Example 502



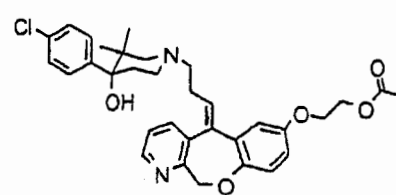
Example 503



Example 504

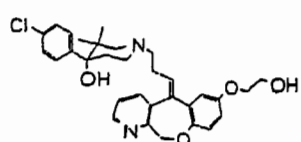


Example 505

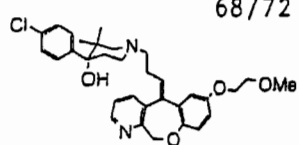


Example 506

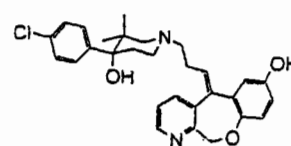
Figure 23



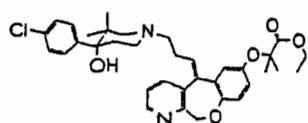
Example 507



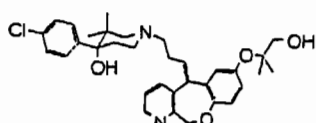
Example 508



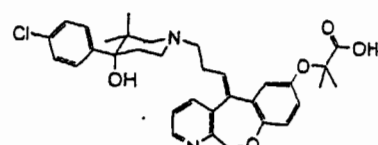
Example 509



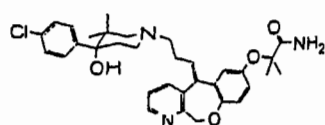
Example 510



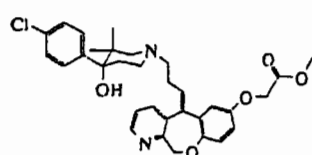
Example 511



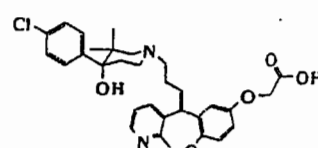
Example 512



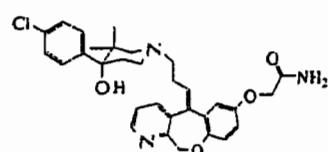
Example 513



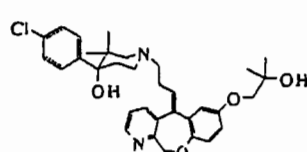
Example 514



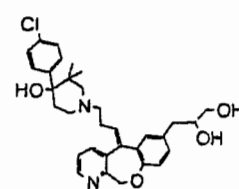
Example 515



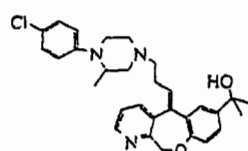
Example 516



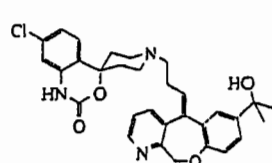
Example 517



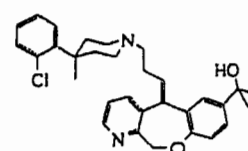
Example 518



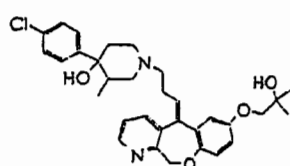
Example 519



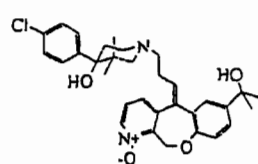
Example 520



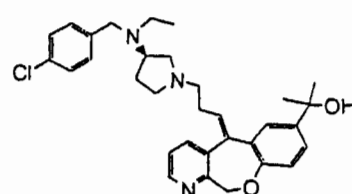
Example 521



Example 522

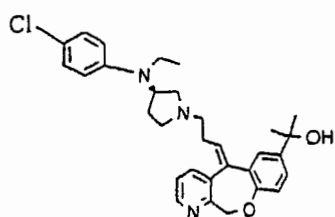


Example 523

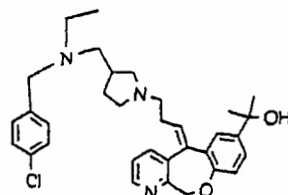


Example 524

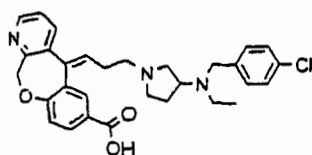
Figure 24



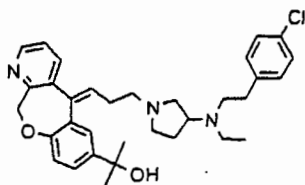
Example 525



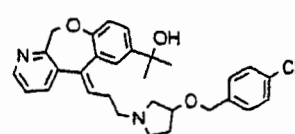
Example 526



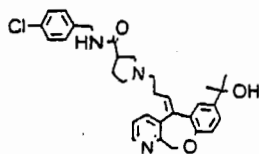
Example 527



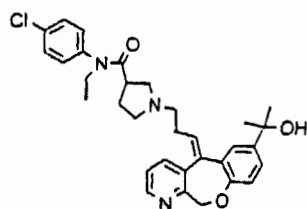
Example 528



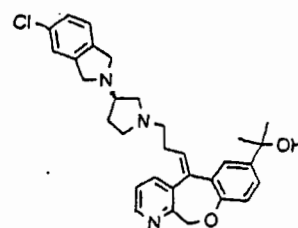
Example 529



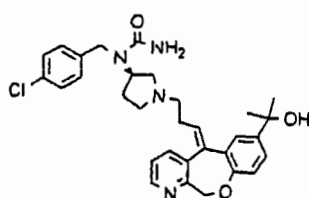
Example 530



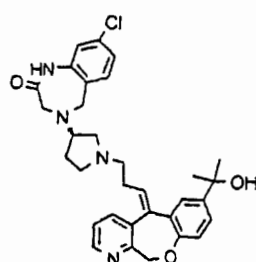
Example 531



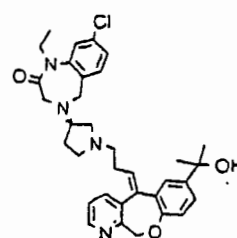
Example 532



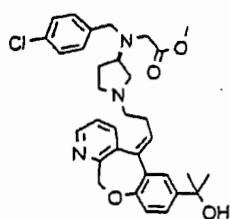
Example 533



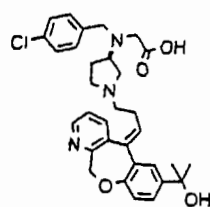
Example 534



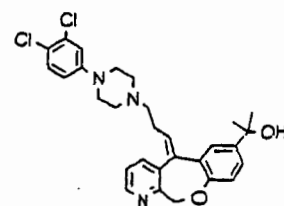
Example 535



Example 536

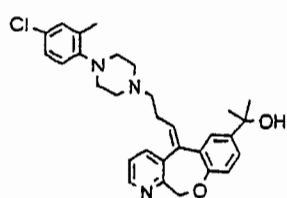


Example 537

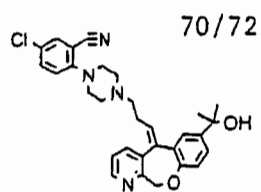


Example 538

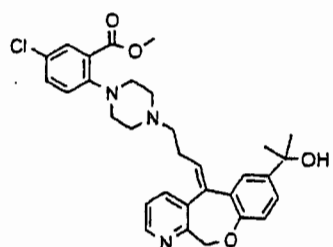
Figure 25



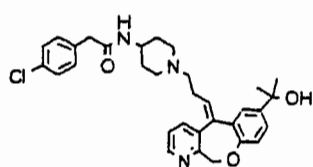
Example 539



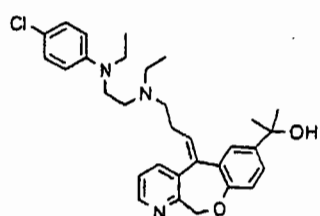
Example 540



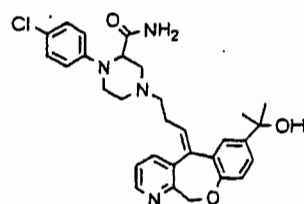
Example 541



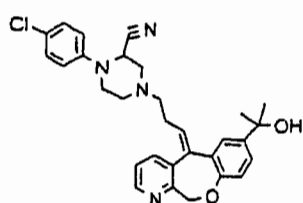
Example 542



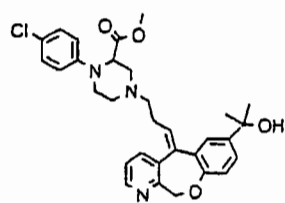
Example 543



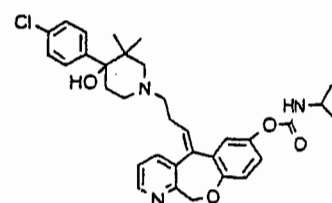
Example 544



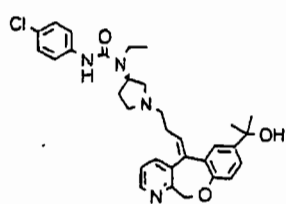
Example 545



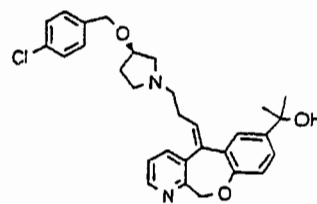
Example 546



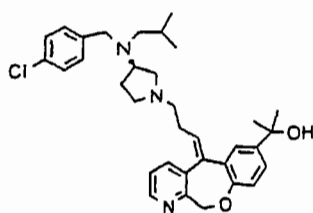
Example 547



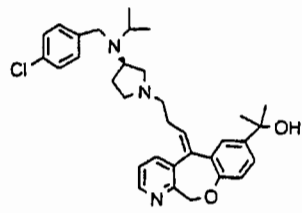
Example 548



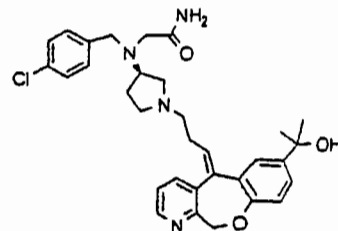
Example 549



Example 550

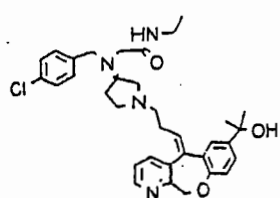


Example 551

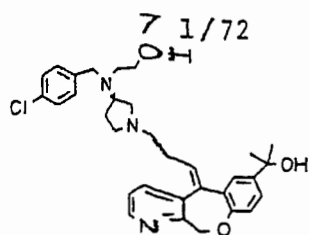


Example 552

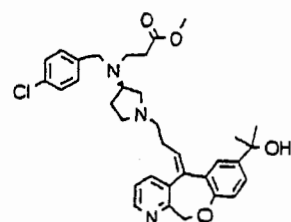
Figure 26



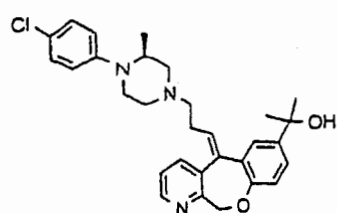
Example 553



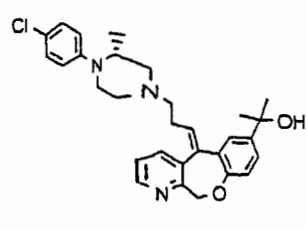
Example 554



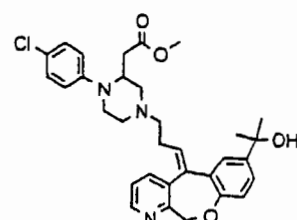
Example 555



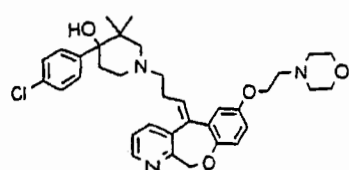
Example 556



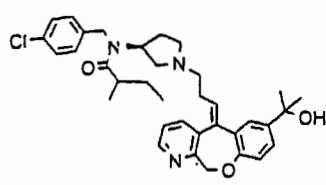
Example 557



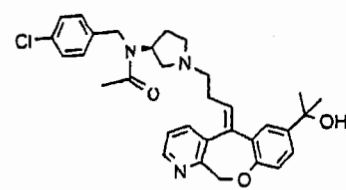
Example 558



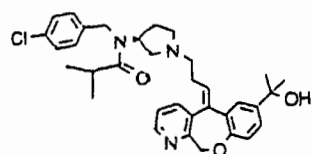
Example 559



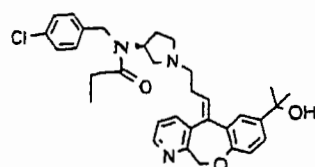
Example 560



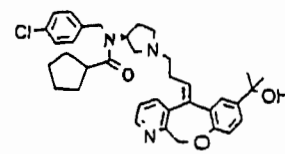
Example 561



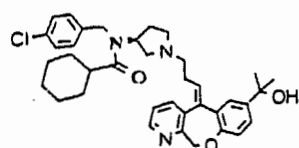
Example 562



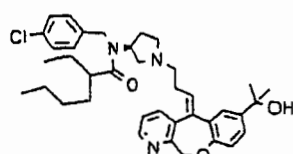
Example 563



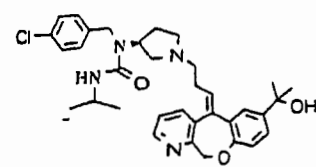
Example 564



Example 565

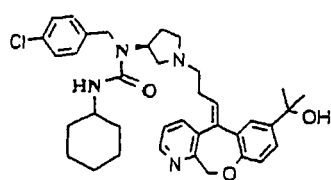


Example 566

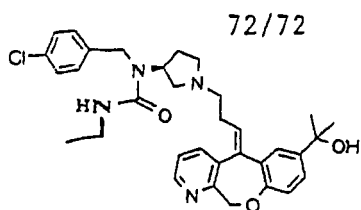


Example 567

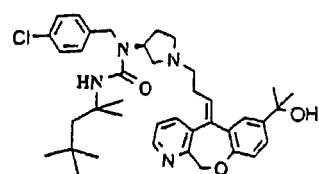
Figure 27



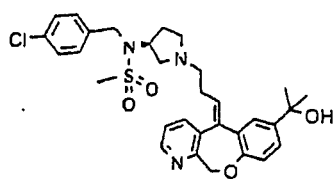
Example 568



Example 569



Example 570



Example 571

Figure 28