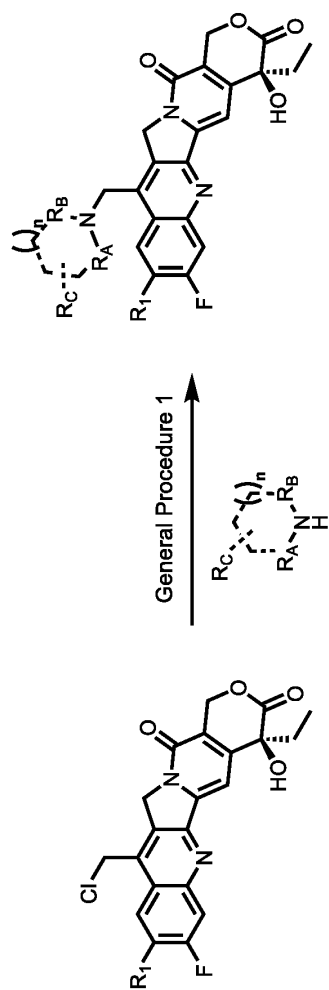
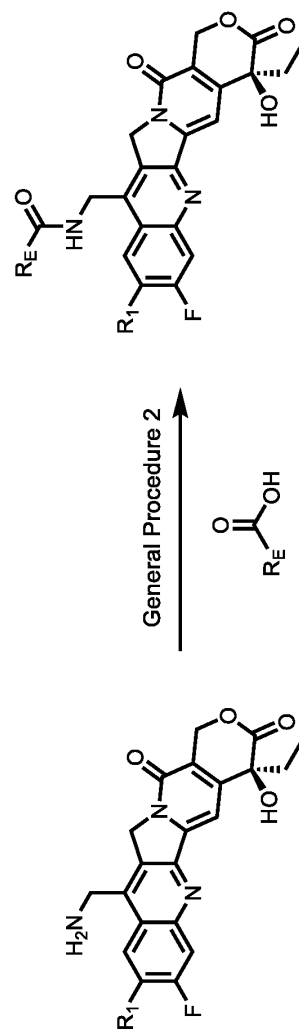


A.

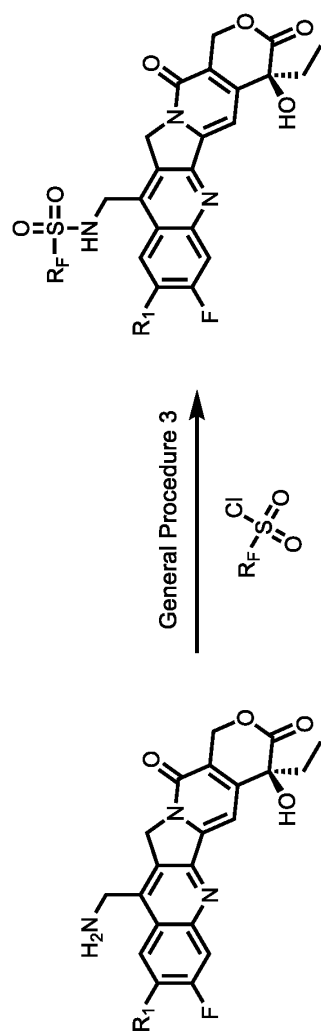
Synthetic Scheme I

B.

Synthetic Scheme II**FIG. 1**

C.

Synthetic Scheme III



2/31

D.

Synthetic Scheme IV

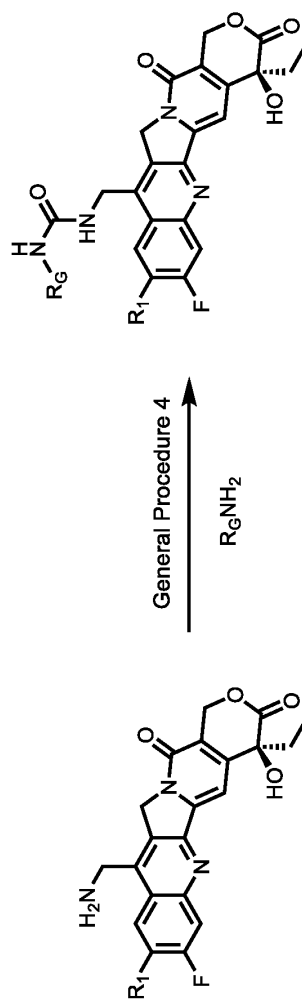
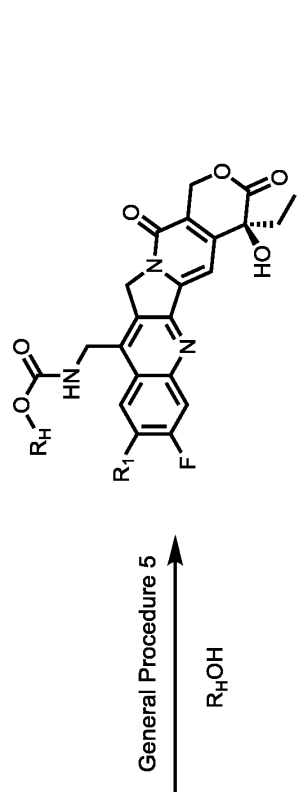
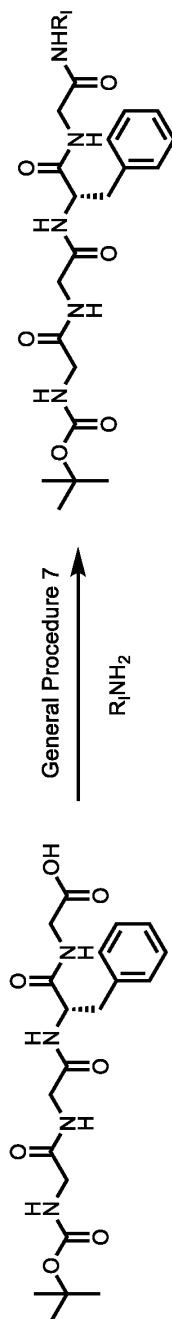


FIG. 1 (cont.)

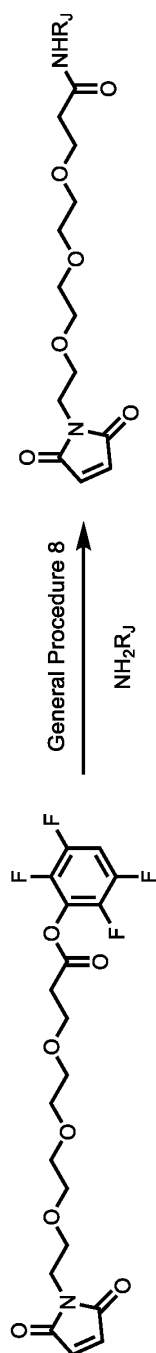
E.

Synthetic Scheme V

F.

Synthetic Scheme VI**FIG. 1 (cont.)**

G.

Synthetic Scheme VII**FIG. 1 (cont.)**

A.

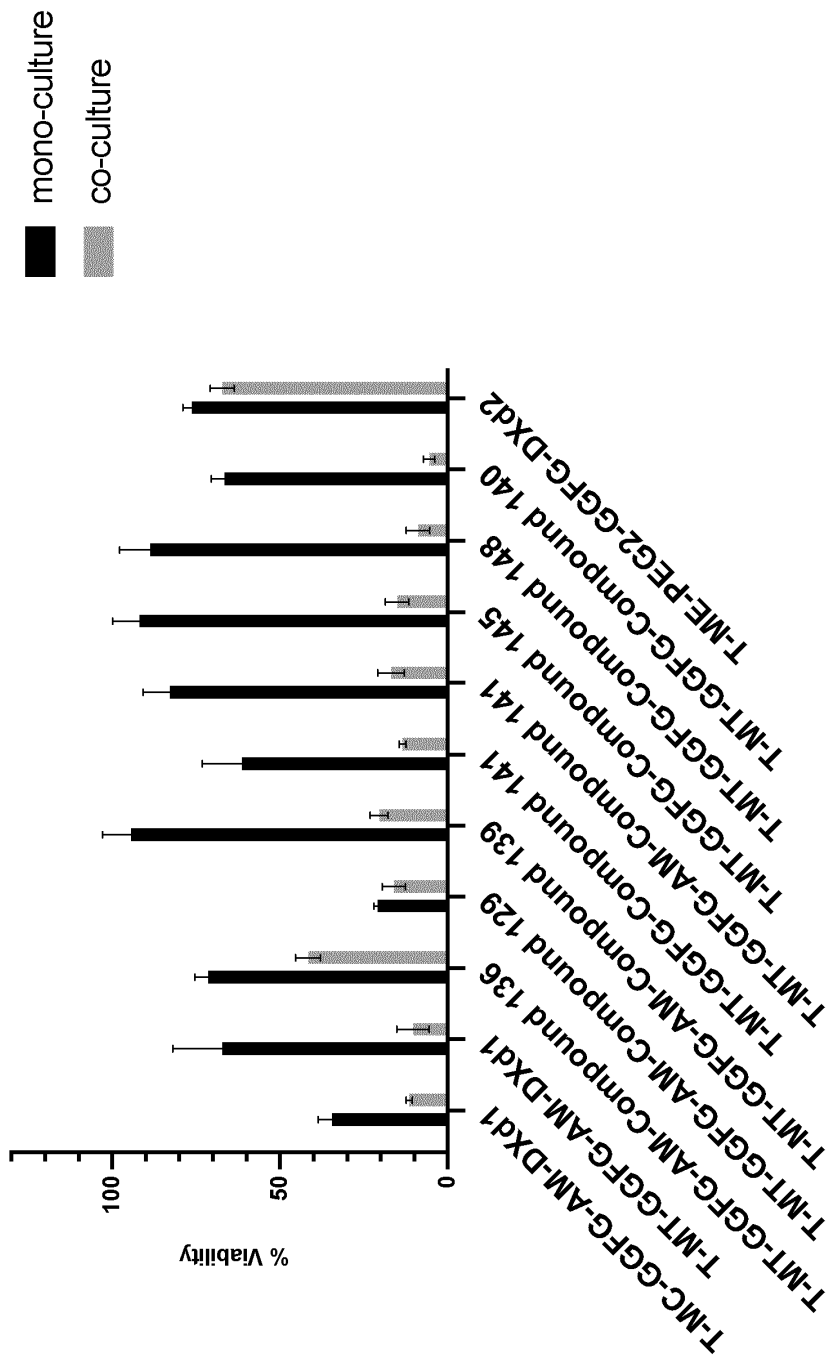


FIG. 2

B.

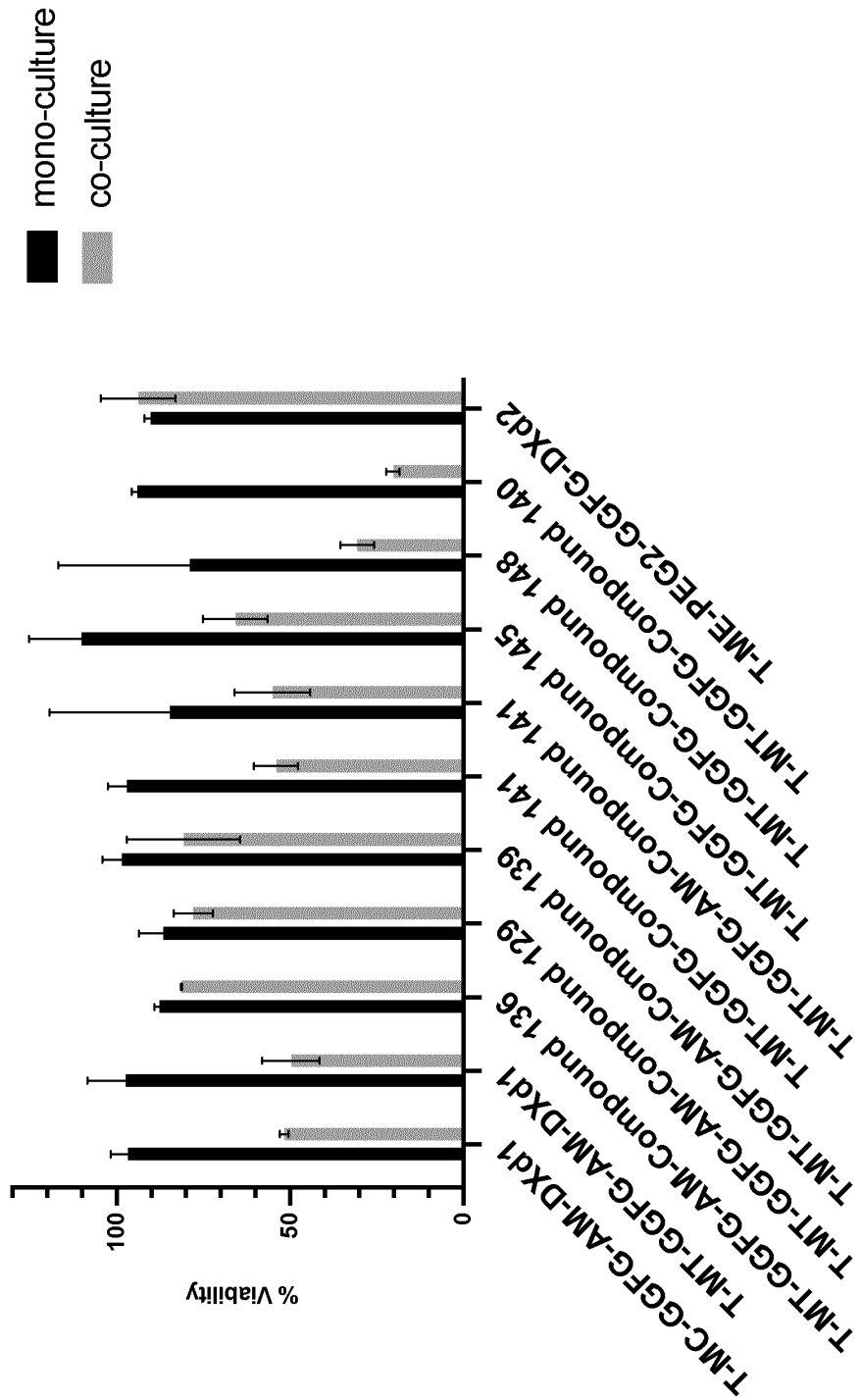


FIG. 2 (cont.)

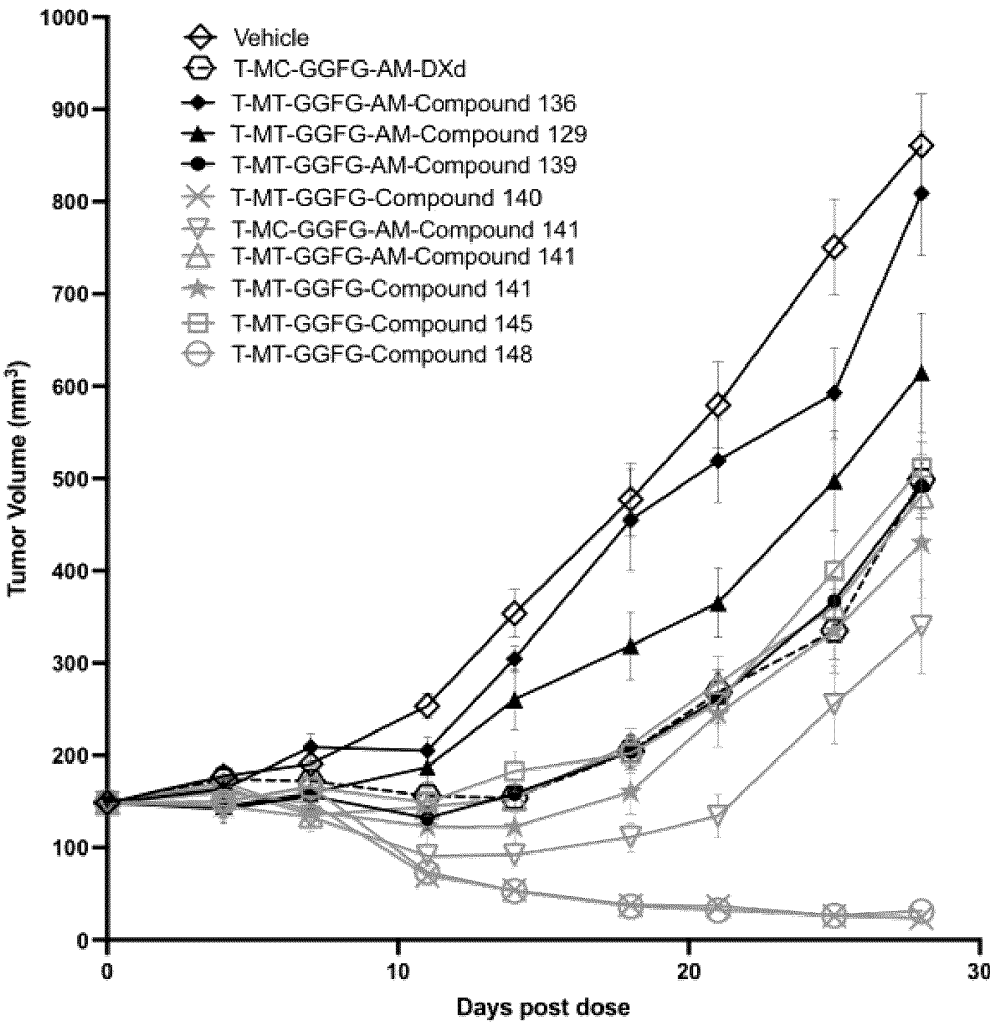


FIG. 3

Table 4

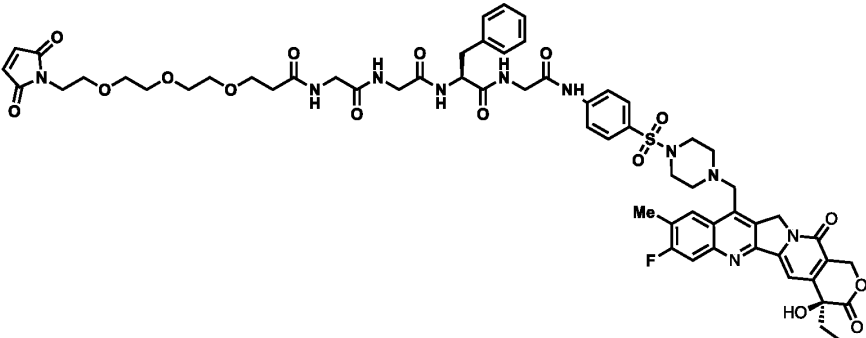
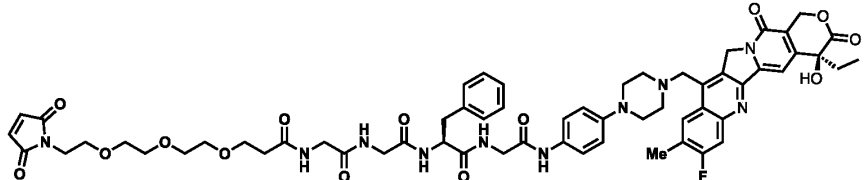
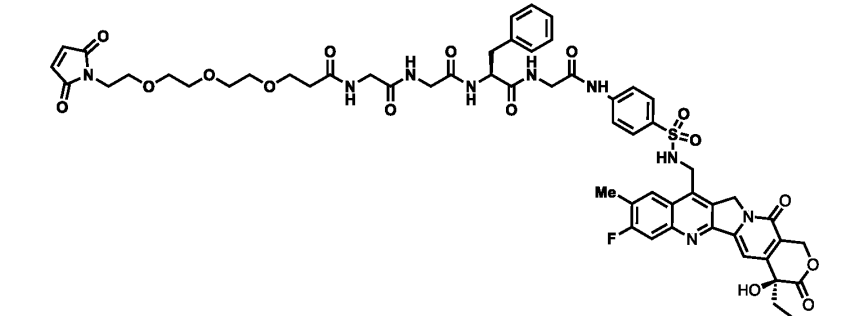
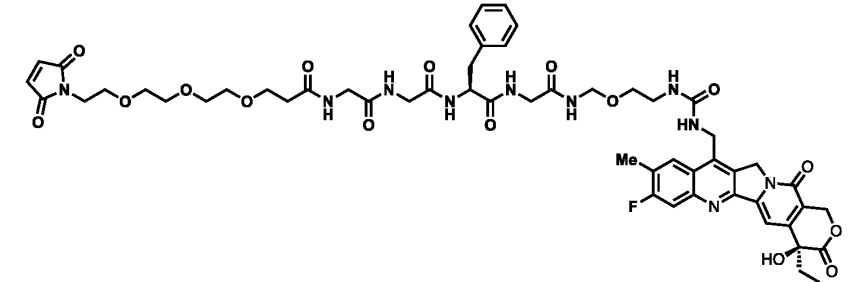
Name	Structure
DL: MT-GGFG-Compound 104	
DL: MT-GGFG-Compound 108	
DL: MT-GGFG-Compound 127	
DL: MT-GGFG-AM-Compound 136	

FIG. 4

Table 4 (con't...)

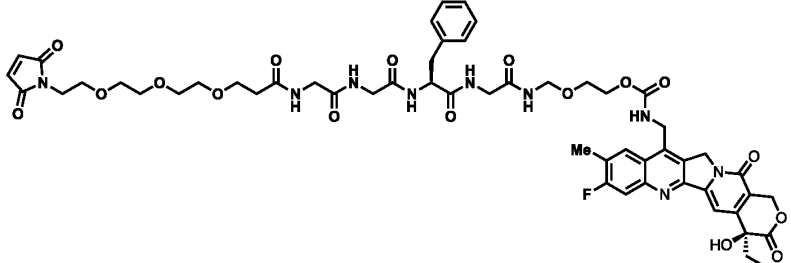
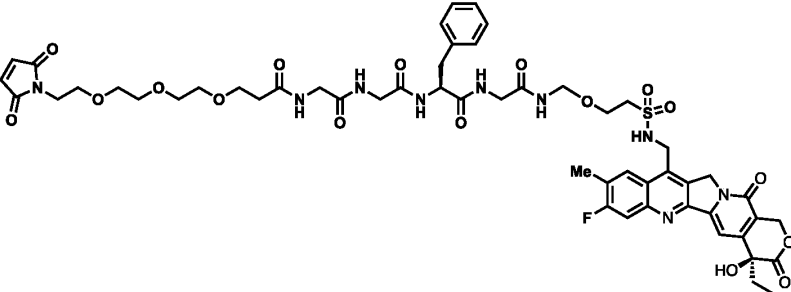
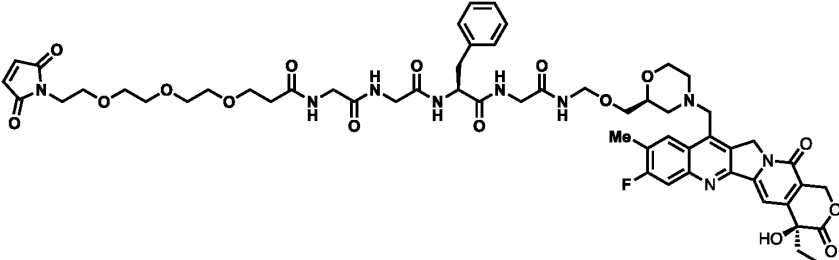
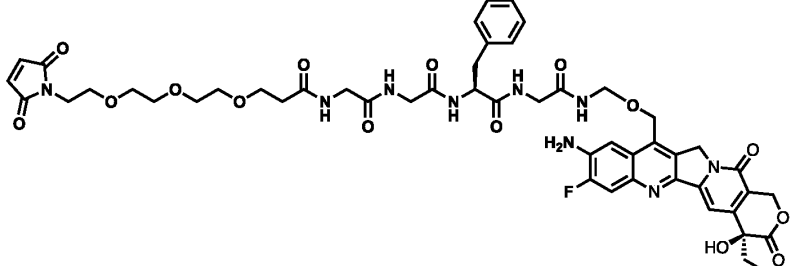
Name	Structure
DL: MT-GGFG-AM-Compound 139	
DL: MT-GGFG-AM-Compound 129	
DL: MT-GGFG-AM-Compound 113	
DL: MT-GGFG-AM-Compound 141	

FIG. 4 (cont.)

Table 4 (con't...)

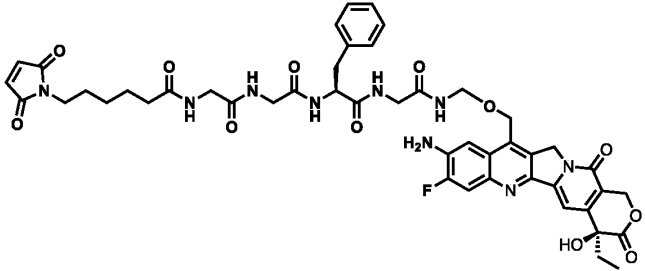
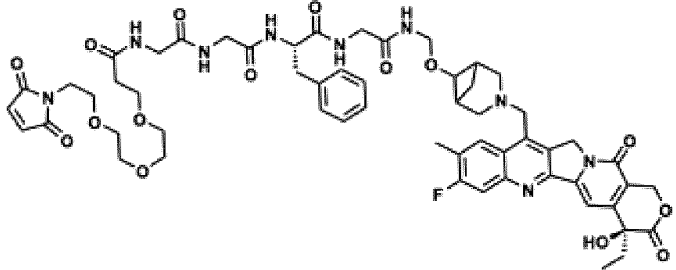
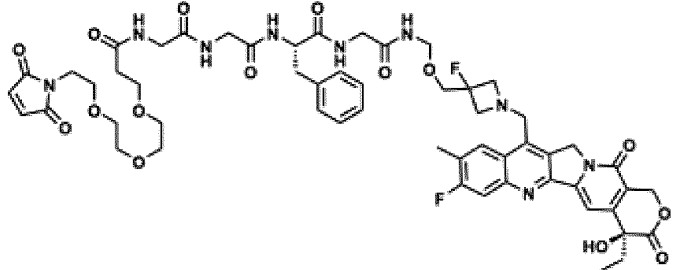
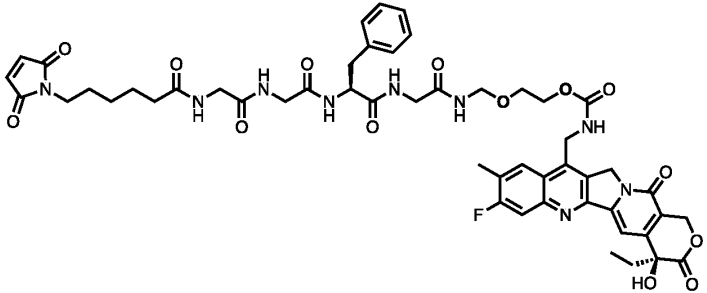
Name	Structure
DL: MC-GGFG-AM-Compound 141	
DL: MT-GGFG-AM-Compound 117	
DL: MT-GGFG-AM-Compound 118	
DL: MC-GGFG-AM-Compound 139	

FIG. 4 (cont.)

Table 4 (con't...)

Name	Structure
DL: DiS-Compound 145	

FIG. 4 (cont.)

Table 5

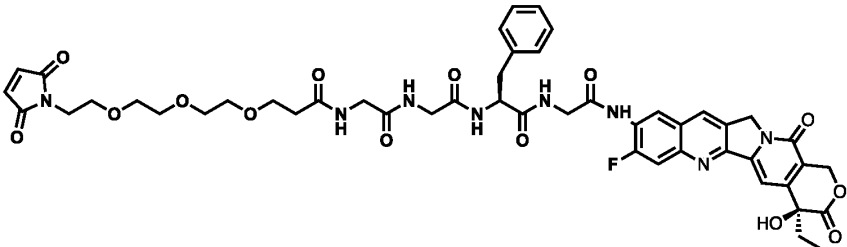
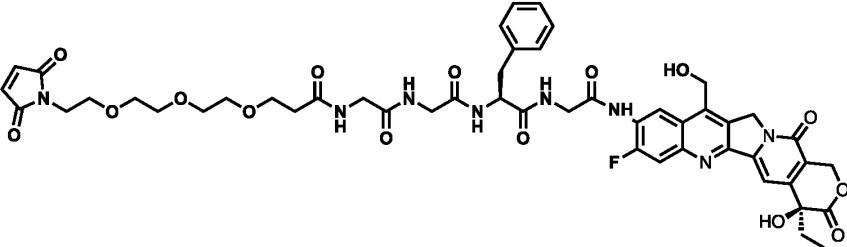
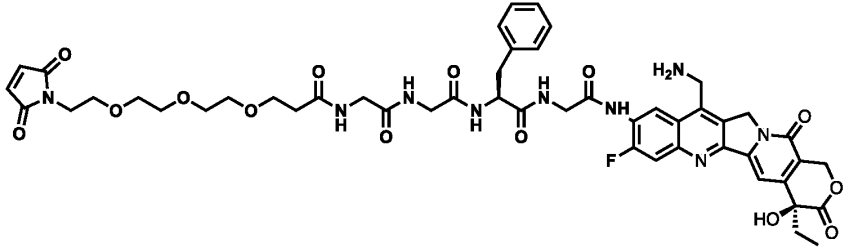
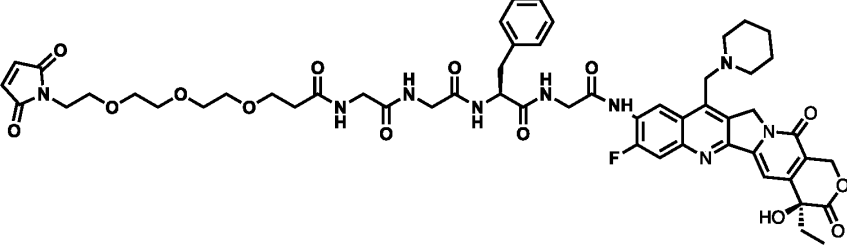
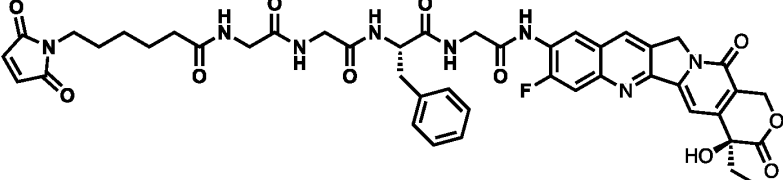
Name	Structure
DL: MT-GGFG-Compound 140	
DL: MT-GGFG-Compound 141	
DL: MT-GGFG-Compound 145	
DL: MT-GGFG-Compound 148	
DL: MC-GGFG-Compound 140	

FIG. 5

Table 5 (con't...)

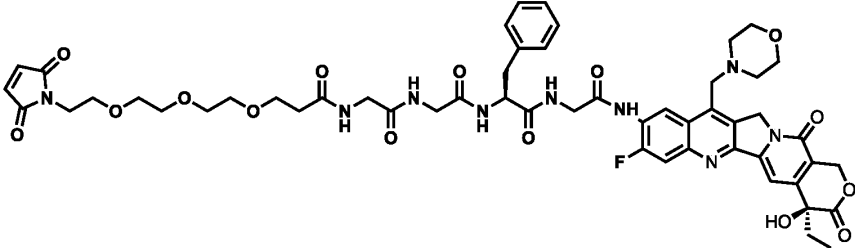
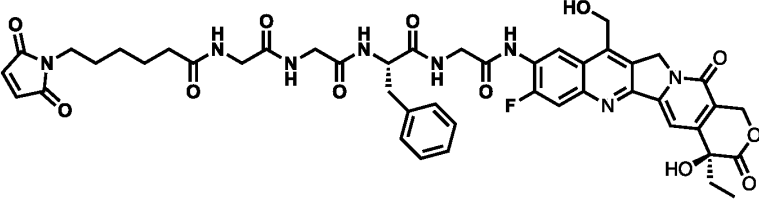
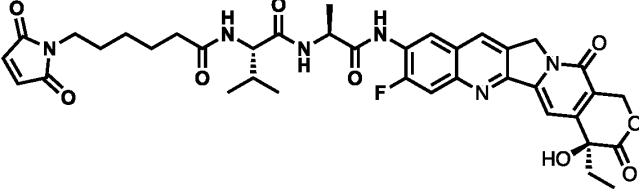
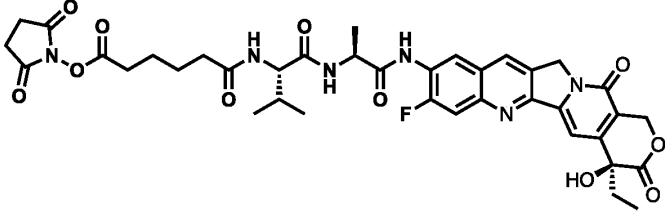
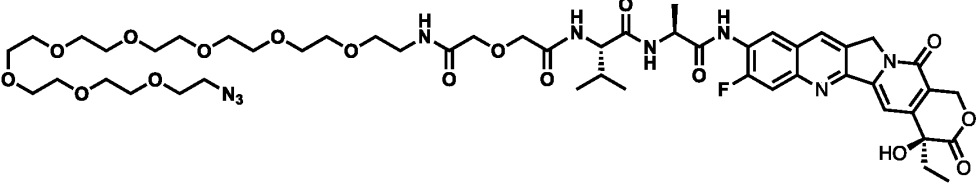
Name	Structure
DL: MT-GGFG-Compound 142	
DL: MC-GGFG-Compound 141	
DL: MC-VA-Compound 140 (DL: 201)	
DL: NHC-C-VA-Compound 140	
DL: Azido-PEG8-VA-Compound 140	

FIG. 5 (cont.)

Table 6

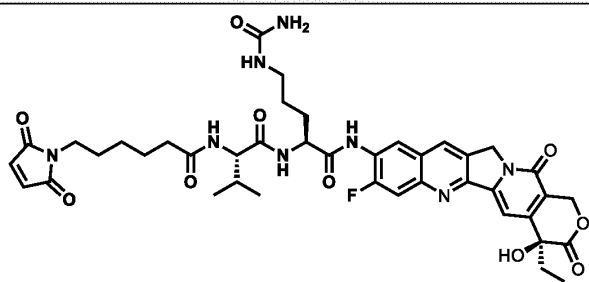
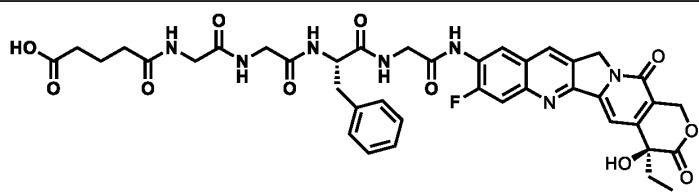
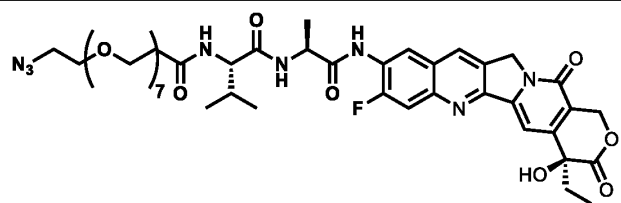
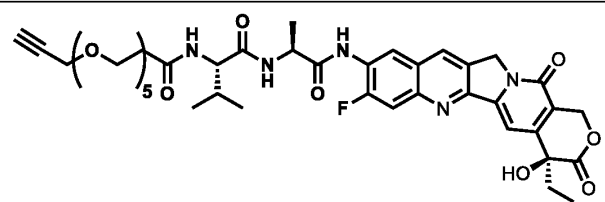
Name	Structure
DL: 200	 Chemical structure of DL: 200. It features a central indole-like core with a fluorine substituent. The core is linked via amide bonds to a side chain containing a hydroxyl group and a methyl group. The side chain is further linked via amide bonds to a chain containing a hydroxyl group and a methyl group. The chain ends with a carboxylic acid group.
DL: 202	 Chemical structure of DL: 202. It features a central indole-like core with a fluorine substituent. The core is linked via amide bonds to a side chain containing a hydroxyl group and a methyl group. The side chain is further linked via amide bonds to a chain containing a hydroxyl group and a methyl group. The chain ends with a carboxylic acid group.
DL: 203	 Chemical structure of DL: 203. It features a central indole-like core with a fluorine substituent. The core is linked via amide bonds to a side chain containing a hydroxyl group and a methyl group. The side chain is further linked via amide bonds to a chain containing a hydroxyl group and a methyl group. The chain ends with a carboxylic acid group.
DL: 204	 Chemical structure of DL: 204. It features a central indole-like core with a fluorine substituent. The core is linked via amide bonds to a side chain containing a hydroxyl group and a methyl group. The side chain is further linked via amide bonds to a chain containing a hydroxyl group and a methyl group. The chain ends with a carboxylic acid group.

FIG. 6

Table 6 (con't...)

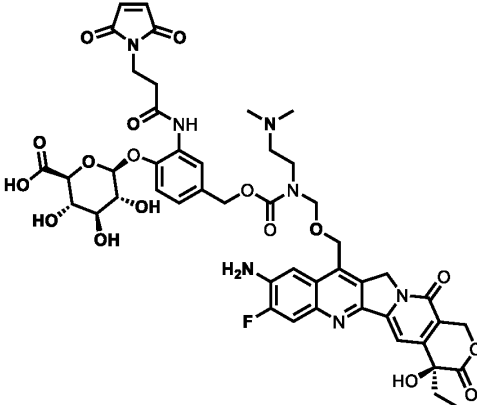
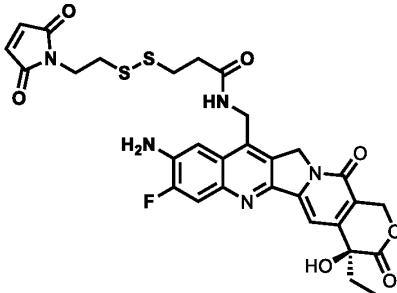
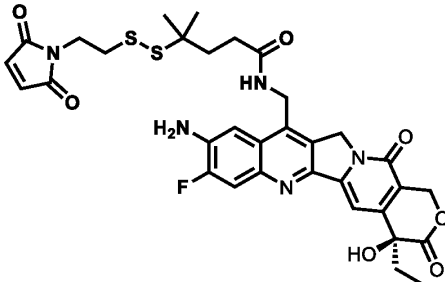
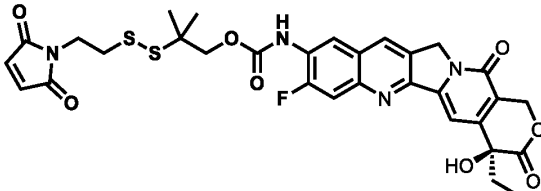
Name	Structure
DL: 205	 Chemical structure of DL: 205. It features a central indole-like core with a fluorine atom and an amino group. The core is substituted with a complex side chain that includes a malonate ester, a hydroxy group, and a malonate ester. The structure is highly complex and contains multiple functional groups.
DL: 206	 Chemical structure of DL: 206. It features a central indole-like core with a fluorine atom and an amino group. The core is substituted with a complex side chain that includes a malonate ester, a hydroxy group, and a malonate ester. The structure is highly complex and contains multiple functional groups.
DL: 207	 Chemical structure of DL: 207. It features a central indole-like core with a fluorine atom and an amino group. The core is substituted with a complex side chain that includes a malonate ester, a hydroxy group, and a malonate ester. The structure is highly complex and contains multiple functional groups.
DL: 208	 Chemical structure of DL: 208. It features a central indole-like core with a fluorine atom and an amino group. The core is substituted with a complex side chain that includes a malonate ester, a hydroxy group, and a malonate ester. The structure is highly complex and contains multiple functional groups.

FIG. 6 (cont.)

Table 6 (con't...)

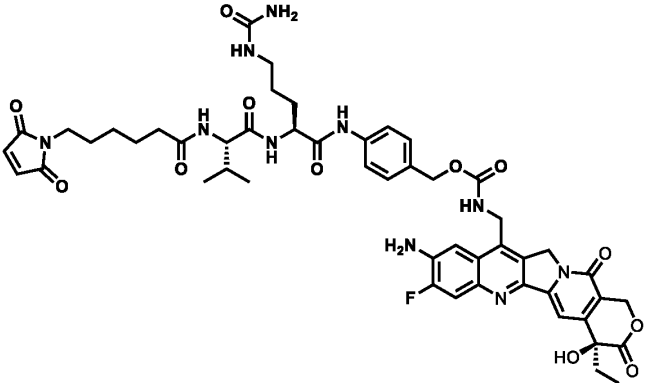
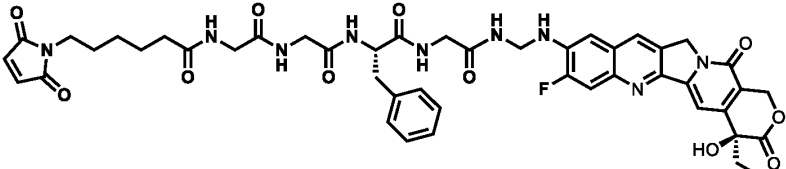
Name	Structure
DL: 209	 Chemical structure of DL: 209. It features a 5-membered imide ring (pyrrolidine-2,5-dione) connected via a hexamethylene chain to a carbonyl group. This is followed by a chiral center (dashed bond to a methyl group) and a chain of amide linkages. The chain includes a 4-aminophenyl group, a 4-((4-aminobenzoyl)oxy)phenyl group, and a complex polycyclic system containing a quinoline, a pyrazole, and a lactone, with a hydroxyl group and a methyl group on the lactone ring.
DL: 210	 Chemical structure of DL: 210. It features a 5-membered imide ring (pyrrolidine-2,5-dione) connected via a hexamethylene chain to a carbonyl group. This is followed by a chain of amide linkages, including a chiral center (dashed bond to a phenyl group), and a complex polycyclic system containing a quinoline, a pyrazole, and a lactone, with a hydroxyl group and a methyl group on the lactone ring.

FIG. 6 (cont.)

Table 7

Name	Structure
DC: MT-GGFG-Compound 104	
DC: MT-GGFG-Compound 108	
DC: MT-GGFG-Compound 127	

FIG. 7

Table 7 (con't...)

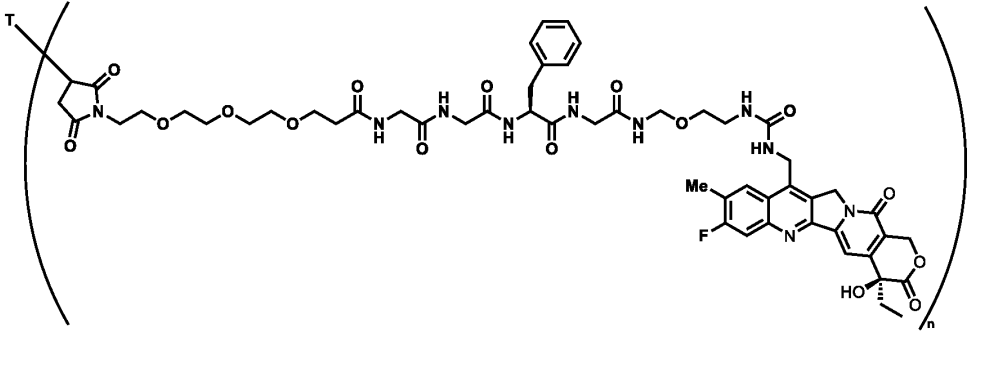
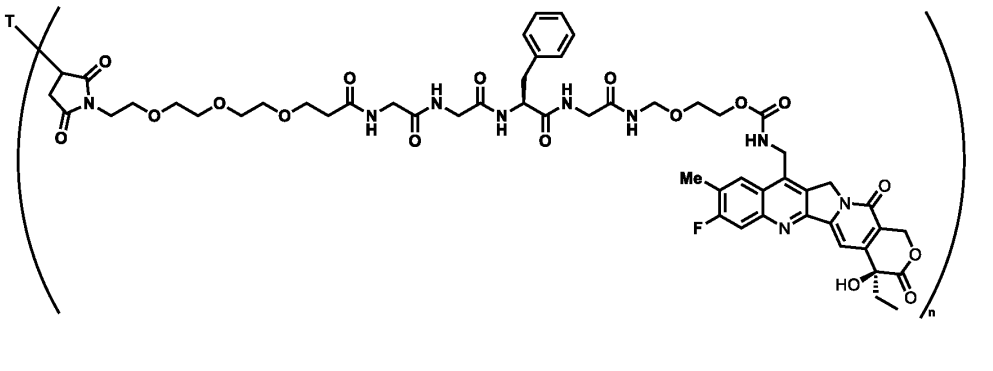
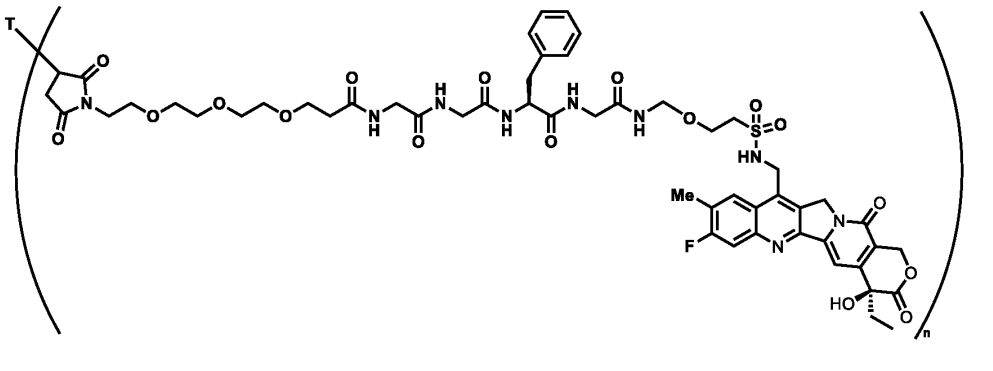
Name	Structure
DC: MT-GGFG-AM-Compound 136	
DC: MT-GGFG-AM-Compound 139	
DC: MT-GGFG-AM-Compound 129	

FIG. 7 (cont.)

Table 7 (con't...)

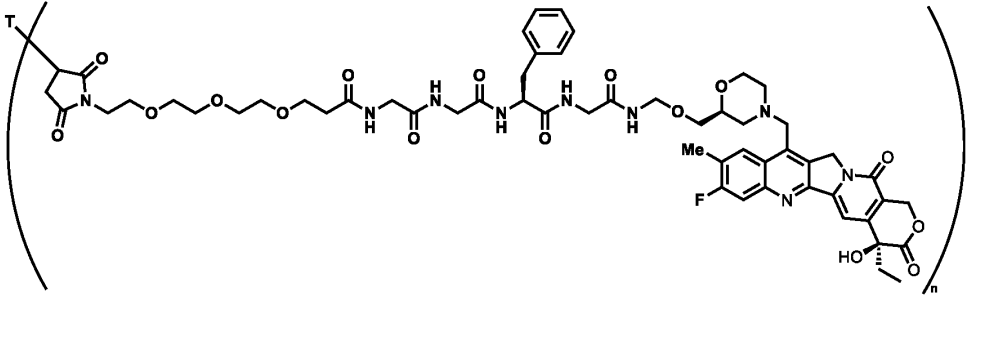
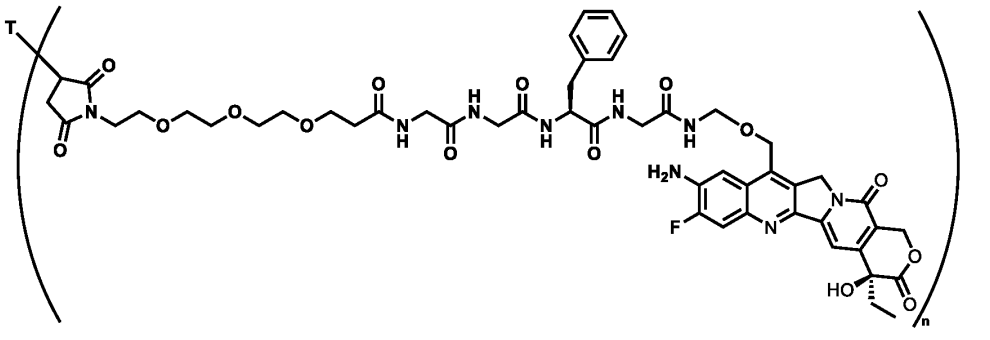
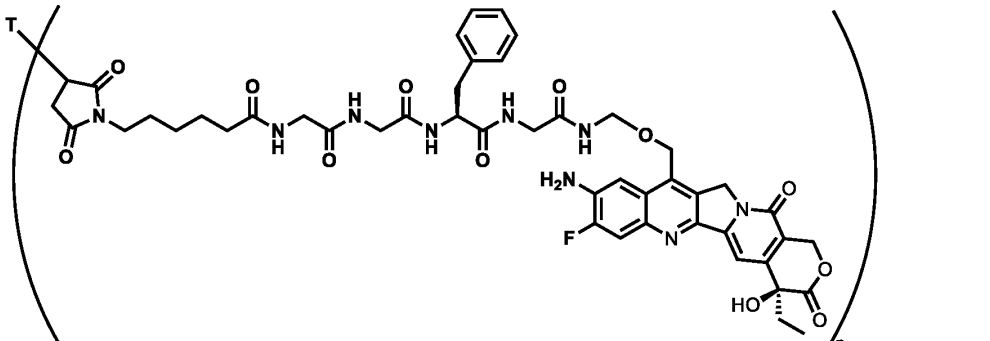
Name	Structure
DC: MT-GGFG-AM-Compound 113	
DC: MT-GGFG-AM-Compound 141	
DC: MC-GGFG-AM-Compound 141	

FIG. 7 (cont.)

Table 7 (con't...)

Name	Structure
DC: MT-GGFG-AM-Compound 117	
DC: MT-GGFG-AM-Compound 118	
DC: MC-GGFG-AM-Compound 139	

FIG. 7 (cont.)

Table 7 (con't...)

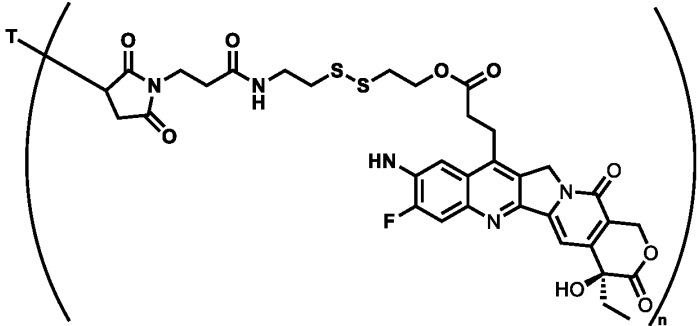
Name	Structure
DC: DiS-Compound 145	 The chemical structure of DC: DiS-Compound 145 is shown within large parentheses. It features a central pyrazoloquinoline core. On the left, a 2,5-difluoro-4-aminophenyl group is attached to the pyrazole ring. On the right, a 6-hydroxy-2-methyl-4H-pyran-4-one moiety is attached to the quinoline ring. A side chain is connected to the pyrazole ring, consisting of a 2-oxo-1,3-dioxolane-5-carboxamide group linked via a disulfide bridge (-S-S-) to a 2-oxo-1,3-dioxolane-5-carboxylate group. The entire structure is enclosed in large parentheses, with a 'T' symbol at the top left of the opening parenthesis, indicating it is a repeating unit.

FIG. 7 (cont.)

Table 8

Name	Structure
DC: MT-GGFG-Compound 140	
DC: MT-GGFG-Compound 141	
DC: MT-GGFG-Compound 145	
DC: MT-GGFG-Compound 148	

FIG. 8

Table 8 (con't...)

Name	Structure
DC: MT-GGFG-Compound 142	
DC: MC-GGFG-Compound 140	
DC: MC-GGFG-Compound 141	

FIG. 8 (cont.)

Table 8 (con't...)

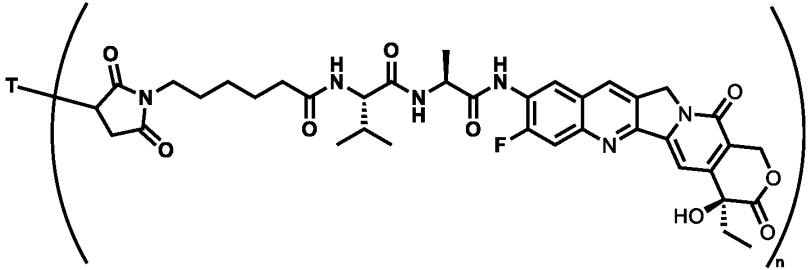
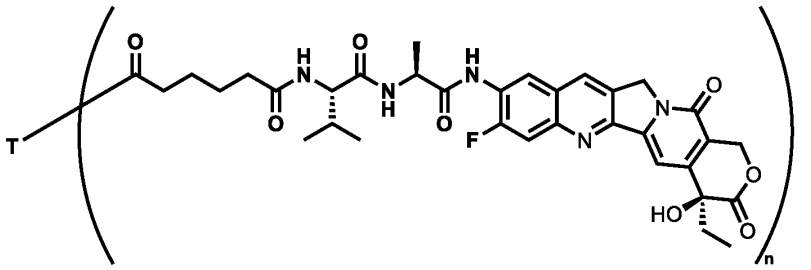
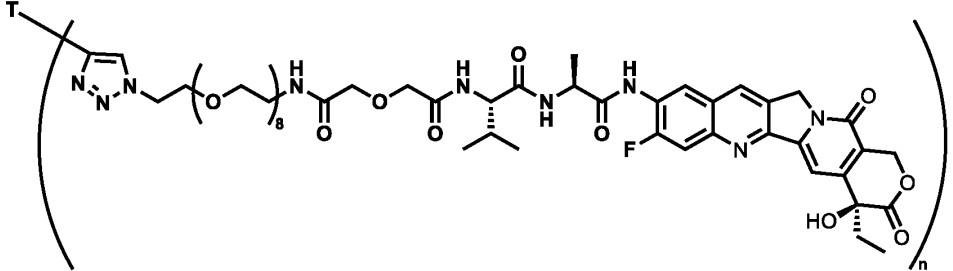
Name	Structure
DC: MC-VA-Compound 140 (DC: 301)	
DC: NHC-C-VA-Compound 140	
DC: Azido-PEG8-VA-Compound 140	

FIG. 8 (cont.)

Table 9

Name	Structure
DC: 300	
DC: 302	
DC: 303a	

FIG. 9

Table 9 (con't...)

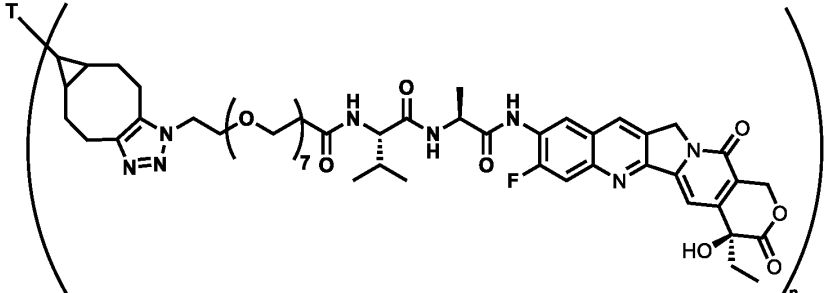
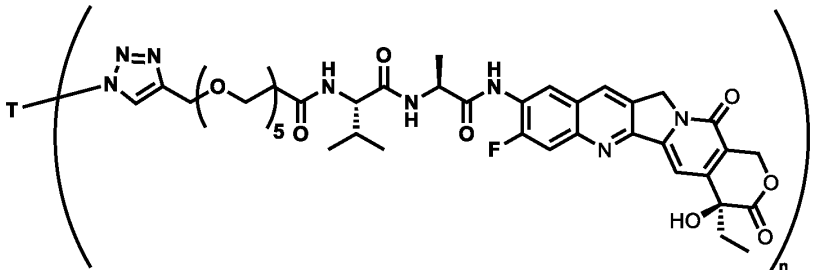
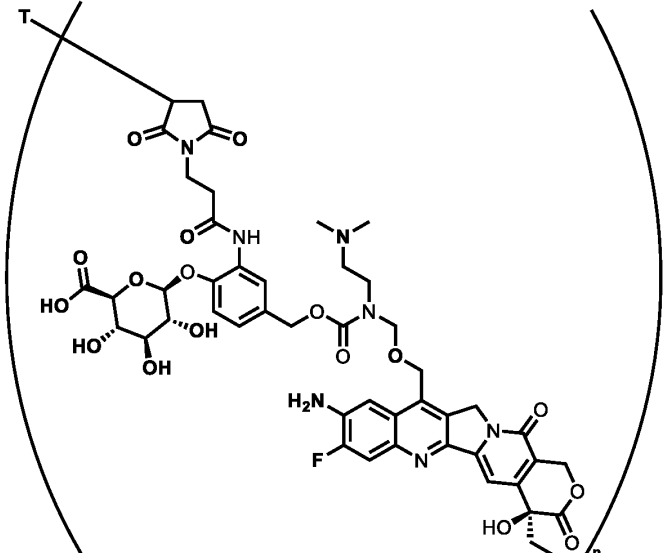
Name	Structure
DC: 303b	 Chemical structure of DC: 303b, a polymer repeat unit. The structure is enclosed in large parentheses with a subscript 'n' at the bottom right. It features a 1,2,3-triazole ring connected to a 7-membered ring. This is followed by a polyether chain with a subscript '7' on the repeating unit. The chain continues with an amide linkage to a chiral center, followed by another amide linkage to a 6-fluoroquinoline ring. The quinoline ring is connected to a pyrazole ring, which is further connected to a 6-membered lactone ring. The lactone ring has a hydroxyl group and a methyl group attached to it.
DC: 304	 Chemical structure of DC: 304, a polymer repeat unit. The structure is enclosed in large parentheses with a subscript 'n' at the bottom right. It features a 1,2,3-triazole ring connected to a 5-membered ring. This is followed by a polyether chain with a subscript '5' on the repeating unit. The chain continues with an amide linkage to a chiral center, followed by another amide linkage to a 6-fluoroquinoline ring. The quinoline ring is connected to a pyrazole ring, which is further connected to a 6-membered lactone ring. The lactone ring has a hydroxyl group and a methyl group attached to it.
DC: 305	 Chemical structure of DC: 305, a polymer repeat unit. The structure is enclosed in large parentheses with a subscript 'n' at the bottom right. It features a 1,2,3-triazole ring connected to a 5-membered ring. This is followed by a polyether chain with a subscript '5' on the repeating unit. The chain continues with an amide linkage to a chiral center, followed by another amide linkage to a 6-fluoroquinoline ring. The quinoline ring is connected to a pyrazole ring, which is further connected to a 6-membered lactone ring. The lactone ring has a hydroxyl group and a methyl group attached to it.

FIG. 9 (cont.)

Table 9 (con't...)

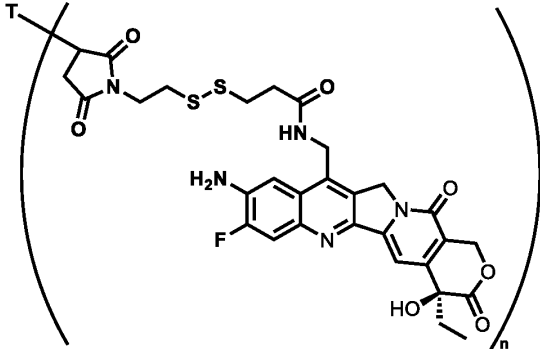
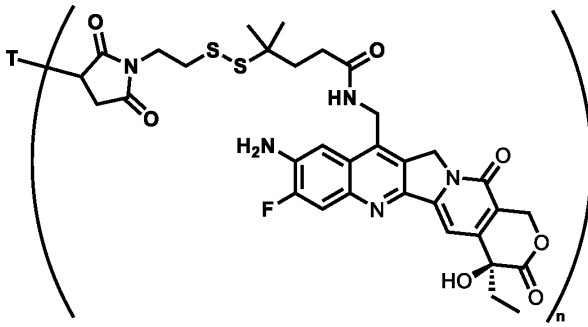
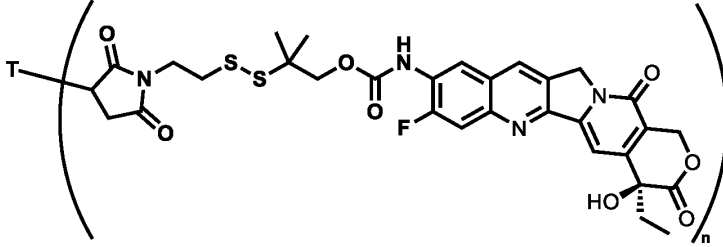
Name	Structure
DC: 306	 Chemical structure of DC: 306, a polymer repeat unit. The structure is enclosed in large parentheses with a subscript 'n'. It features a central polycyclic aromatic system, specifically a 6-fluoro-2-aminobenzimidazo[1,2-a]pyridine derivative. This central core is linked via an amide bond (HN-CH2-) to a side chain. The side chain consists of a 1,2-ethanedithiol group (-CH2-CH2-S-S-) connected to a succinimide ring. The succinimide ring is further substituted with a 'T' group, representing a polymer backbone attachment point. The central polycyclic system also includes a hydroxyl group (HO-) and a carbonyl group (C=O) on a fused ring.
DC: 307	 Chemical structure of DC: 307, a polymer repeat unit. The structure is enclosed in large parentheses with a subscript 'n'. It features a central polycyclic aromatic system, specifically a 6-fluoro-2-aminobenzimidazo[1,2-a]pyridine derivative. This central core is linked via an amide bond (HN-CH2-) to a side chain. The side chain consists of a 1,2-ethanedithiol group (-CH2-CH2-S-S-) connected to a succinimide ring. The succinimide ring is further substituted with a 'T' group, representing a polymer backbone attachment point. The central polycyclic system also includes a hydroxyl group (HO-) and a carbonyl group (C=O) on a fused ring.
DC: 308	 Chemical structure of DC: 308, a polymer repeat unit. The structure is enclosed in large parentheses with a subscript 'n'. It features a central polycyclic aromatic system, specifically a 6-fluoro-2-aminobenzimidazo[1,2-a]pyridine derivative. This central core is linked via an amide bond (HN-CH2-) to a side chain. The side chain consists of a 1,2-ethanedithiol group (-CH2-CH2-S-S-) connected to a succinimide ring. The succinimide ring is further substituted with a 'T' group, representing a polymer backbone attachment point. The central polycyclic system also includes a hydroxyl group (HO-) and a carbonyl group (C=O) on a fused ring.

FIG. 9 (cont.)

Table 9 (con't...)

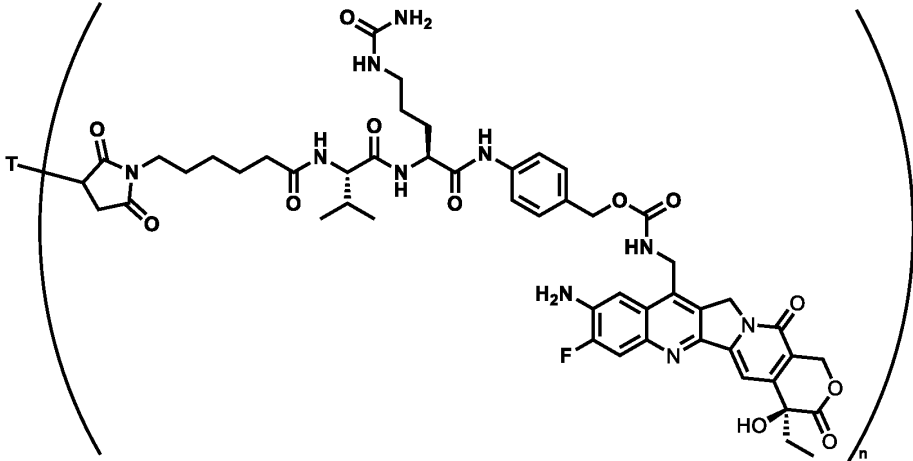
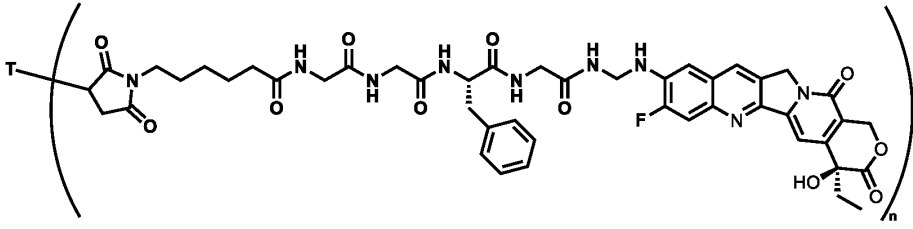
Name	Structure
DC: 309	 The chemical structure of DC: 309 is a polymer repeat unit enclosed in large parentheses. It begins with a 'T' substituent on a five-membered ring containing two carbonyl groups. This ring is connected to a hexamethylene chain, which is linked via an amide bond to a chiral center (a carbon with a methyl group and a hydrogen atom). This chiral center is further connected to another amide bond, which is linked to a second chiral center (a carbon with a hydrogen atom and a methyl group). This second chiral center is connected to an amide bond, which is linked to a para-phenylene ring. The para-phenylene ring is connected via an ester linkage to a side chain. This side chain consists of a methylene group, an amide bond, and a complex polycyclic system. The polycyclic system includes a quinoline-like core with a fluorine atom and an amino group, fused to a pyrazole-like ring, which is further fused to a six-membered ring containing a carbonyl group and a hydroxyl group. The entire structure is repeated 'n' times.
DC: 310	 The chemical structure of DC: 310 is a polymer repeat unit enclosed in large parentheses. It begins with a 'T' substituent on a five-membered ring containing two carbonyl groups. This ring is connected to a hexamethylene chain, which is linked via an amide bond to a methylene group. This methylene group is connected to another amide bond, which is linked to a second methylene group. This second methylene group is connected to an amide bond, which is linked to a chiral center (a carbon with a phenyl group and a hydrogen atom). This chiral center is connected to another amide bond, which is linked to a third methylene group. This third methylene group is connected to an amide bond, which is linked to a para-phenylene ring. The para-phenylene ring is connected via an amide bond to a side chain. This side chain consists of a methylene group, an amide bond, and a complex polycyclic system. The polycyclic system includes a quinoline-like core with a fluorine atom, fused to a pyrazole-like ring, which is further fused to a six-membered ring containing a carbonyl group and a hydroxyl group. The entire structure is repeated 'n' times.

FIG. 9 (cont.)

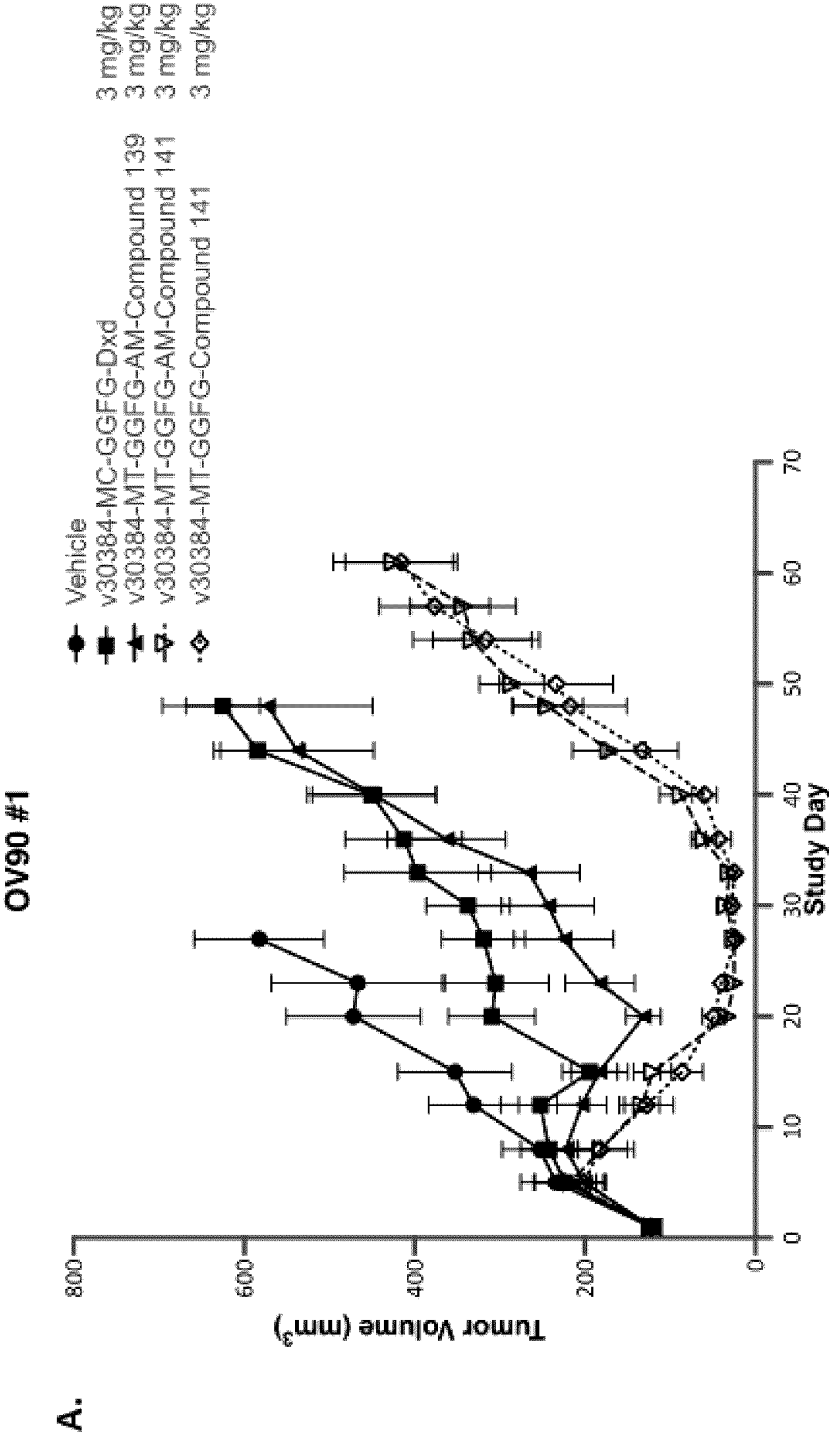


FIG. 10A

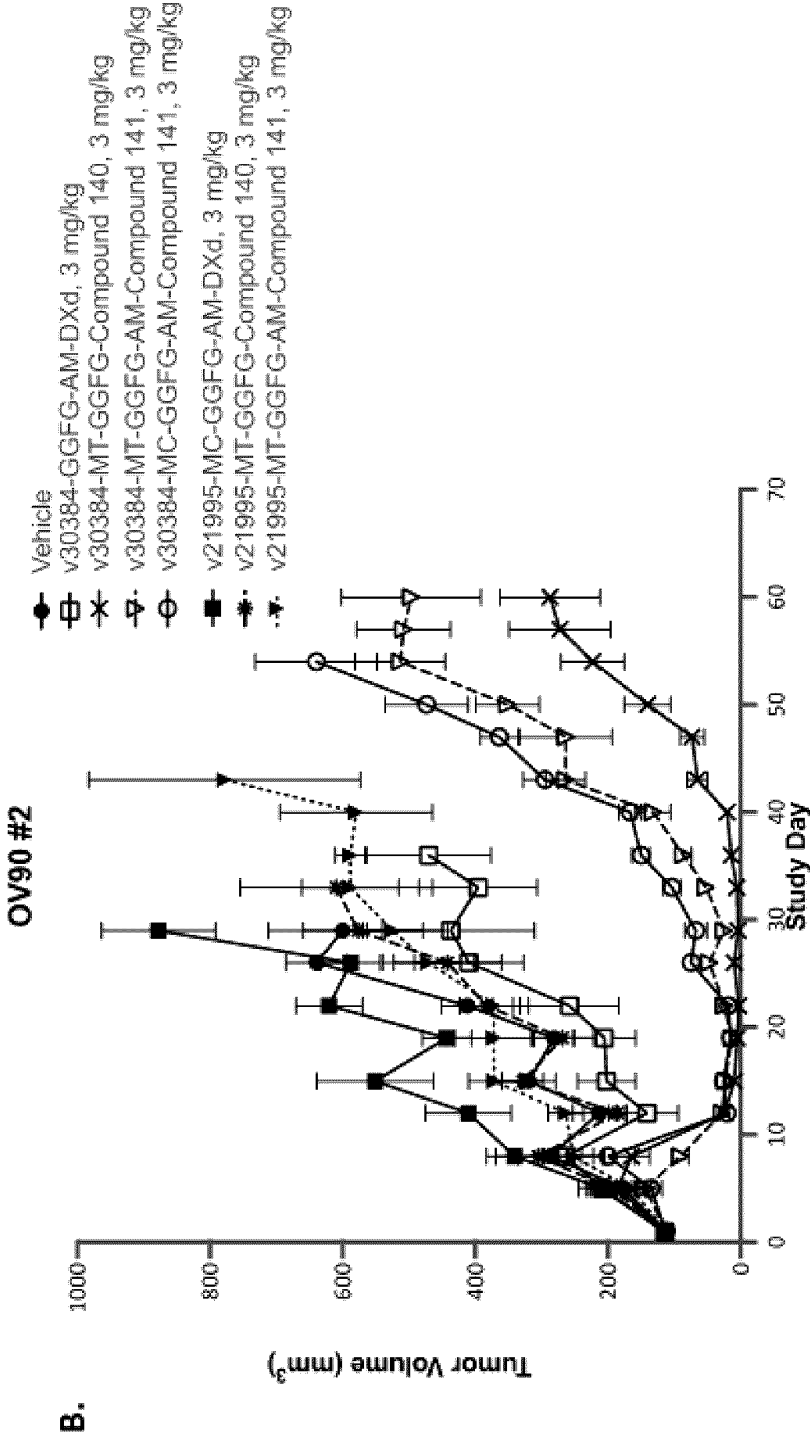


FIG. 10B

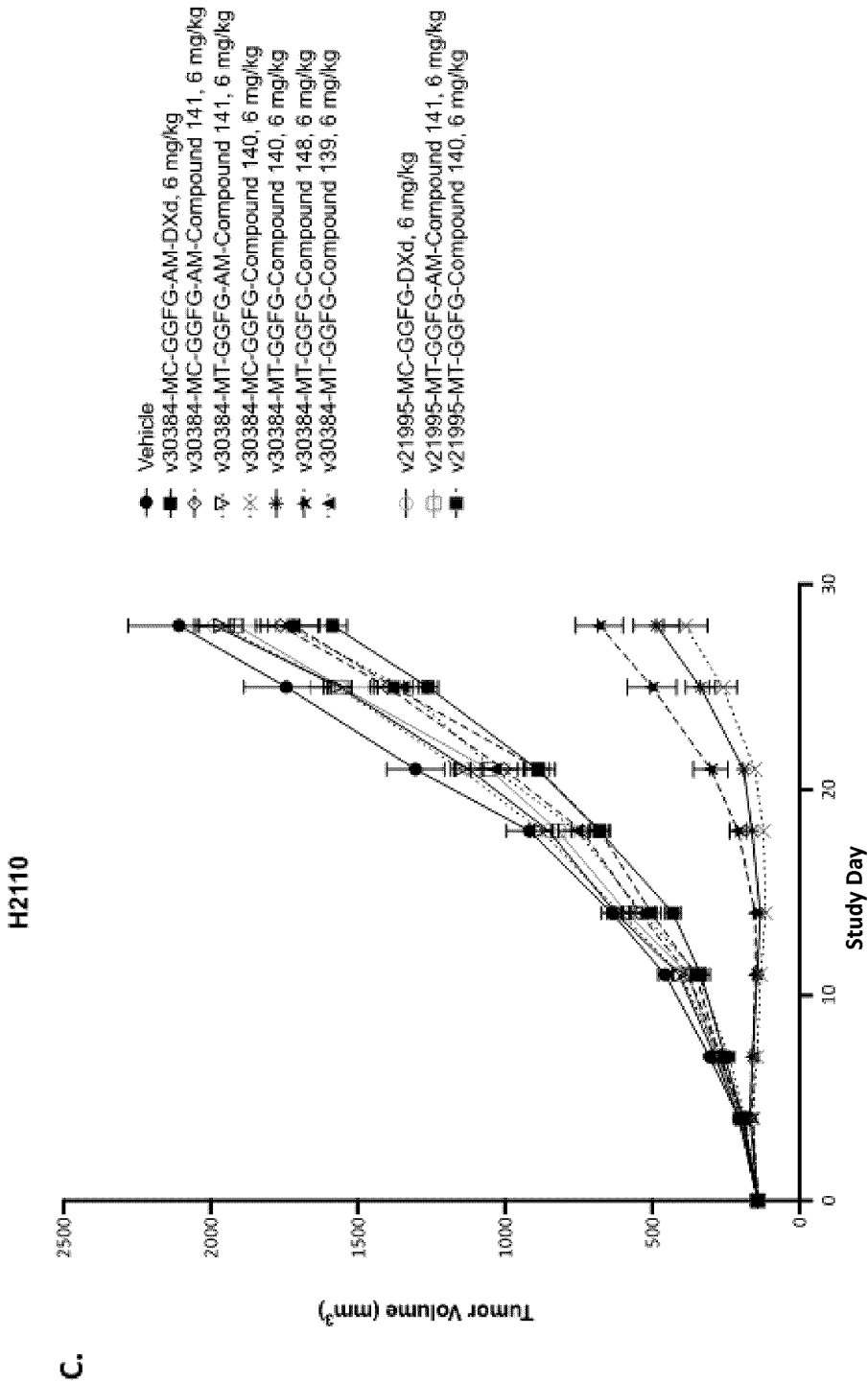


FIG. 10C