

Figure 1

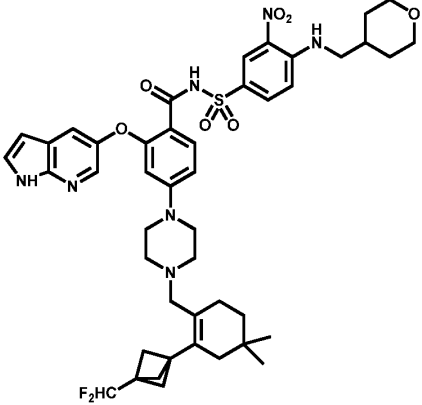
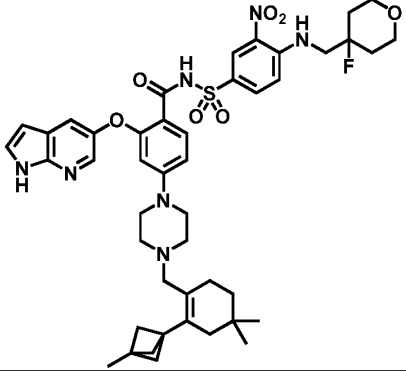
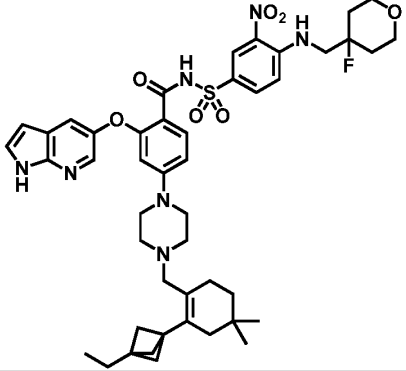
Compound No.	Structure
1	 Chemical structure of Compound 1: A central piperazine ring is substituted at the 1-position with a 4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)benzoyl group and at the 4-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group. The piperazine ring is also substituted at the 2-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group. The piperazine ring is also substituted at the 3-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group.
2	 Chemical structure of Compound 2: A central piperazine ring is substituted at the 1-position with a 4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)benzoyl group and at the 4-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group. The piperazine ring is also substituted at the 2-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group. The piperazine ring is also substituted at the 3-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group.
3	 Chemical structure of Compound 3: A central piperazine ring is substituted at the 1-position with a 4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)benzoyl group and at the 4-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group. The piperazine ring is also substituted at the 2-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group. The piperazine ring is also substituted at the 3-position with a 1-(4-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)-4-nitrophenyl)-2-(2-(2,6-dihydroquinolin-5-yl)oxyphenyl)ethyl group.

Figure 1 (cont.)

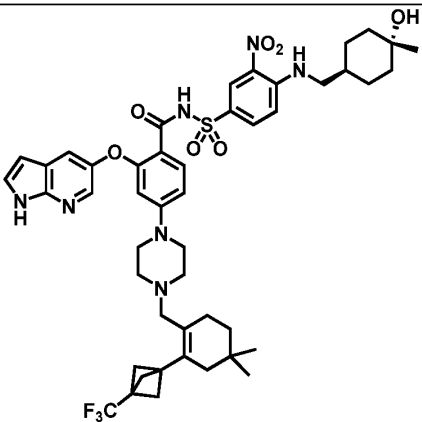
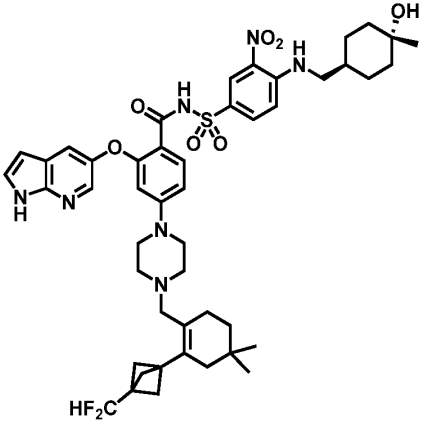
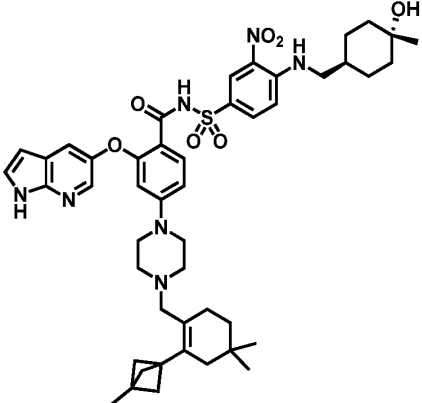
Compound No.	Structure
4	 Chemical structure of Compound 4: A complex molecule featuring a central piperazine ring. One nitrogen of the piperazine is substituted with a 4-(trifluoromethylcyclopropyl)-4-methylcyclohexyl group. The other nitrogen is substituted with a 4-(indolizin-5-yl)-2-((4-nitro-2-((4-hydroxycyclohexyl)methyl)amino)benzoyl)oxyphenyl group.
5	 Chemical structure of Compound 5: A complex molecule featuring a central piperazine ring. One nitrogen of the piperazine is substituted with a 4-(difluoromethylcyclopropyl)-4-methylcyclohexyl group. The other nitrogen is substituted with a 4-(indolizin-5-yl)-2-((4-nitro-2-((4-hydroxycyclohexyl)methyl)amino)benzoyl)oxyphenyl group.
6	 Chemical structure of Compound 6: A complex molecule featuring a central piperazine ring. One nitrogen of the piperazine is substituted with a 4-(cyclopropyl)-4-methylcyclohexyl group. The other nitrogen is substituted with a 4-(indolizin-5-yl)-2-((4-nitro-2-((4-hydroxycyclohexyl)methyl)amino)benzoyl)oxyphenyl group.

Figure 1 (cont.)

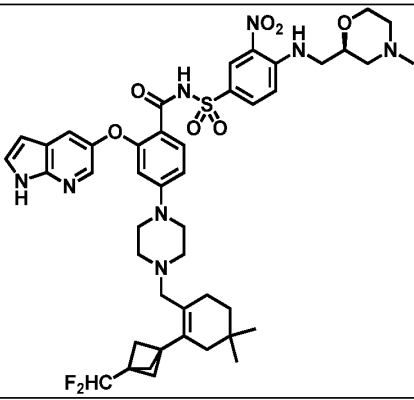
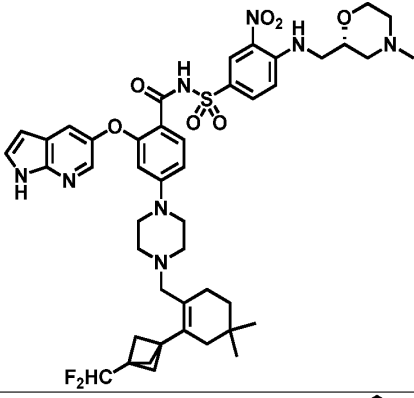
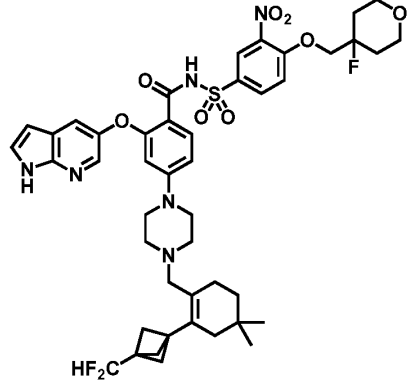
Compound No.	Structure
7	 Chemical structure of Compound 7: A central pyridine ring is substituted at the 2-position with a 1H-indolizin-5-yl group, at the 4-position with a (4-(difluoromethyl)cyclobutyl)methyl group, and at the 6-position with a (4-nitro-2-((4-methylpiperidin-1-yl)methyl)phenyl)sulfonyl group.
8	 Chemical structure of Compound 8: A central pyridine ring is substituted at the 2-position with a 1H-indolizin-5-yl group, at the 4-position with a (4-(difluoromethyl)cyclobutyl)methyl group, and at the 6-position with a (4-nitro-2-((4-methylpiperidin-1-yl)methyl)phenyl)sulfonyl group.
9	 Chemical structure of Compound 9: A central pyridine ring is substituted at the 2-position with a 1H-indolizin-5-yl group, at the 4-position with a (4-(difluoromethyl)cyclobutyl)methyl group, and at the 6-position with a (4-nitro-2-((4-(2-fluoroethoxy)methyl)phenyl)sulfonyl group.

Figure 1 (cont.)

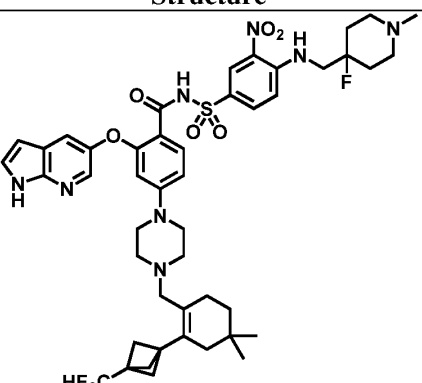
Compound No.	Structure
10	 The chemical structure of Compound 10 is a complex molecule featuring several interconnected rings and functional groups. It includes a pyridine ring substituted with a fluoromethyl group and a morpholine ring. This is linked via a methylene group to a cyclohexene ring, which is further substituted with a dimethylamino group and a 4-fluorophenyl group. The structure also contains a sulfonamide group, a nitro group, and a pyrazole ring. The overall structure is highly branched and contains multiple heteroatoms (N, O, S, F).

Figure 2

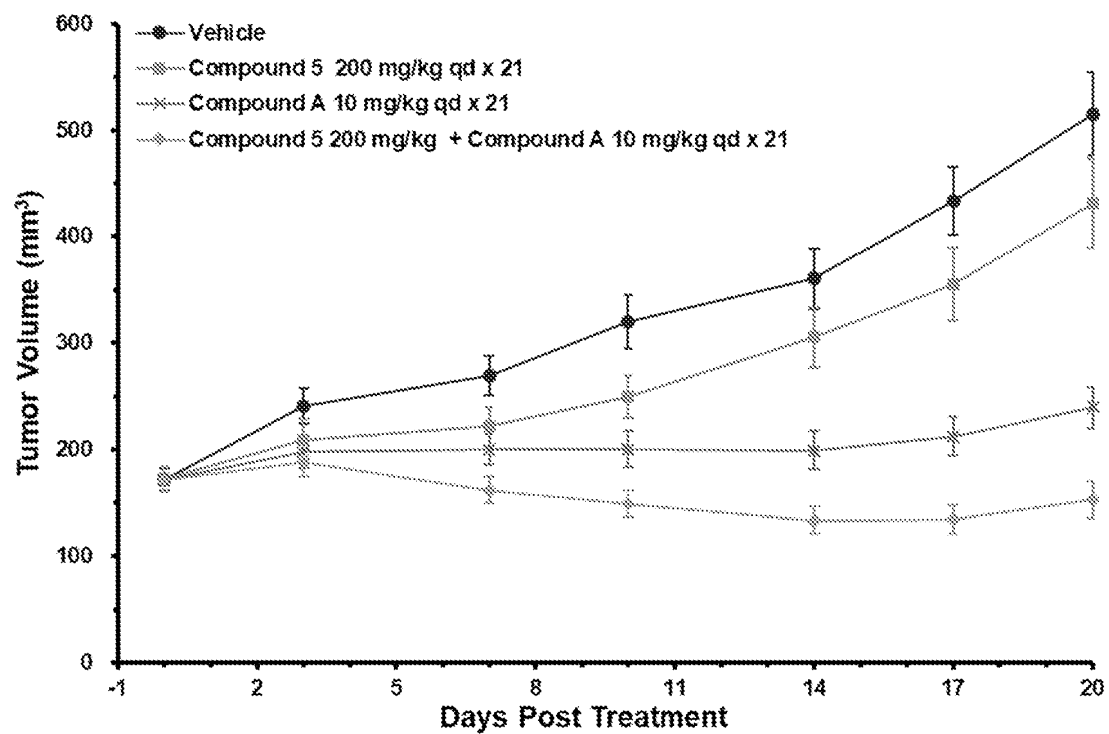


Figure 3

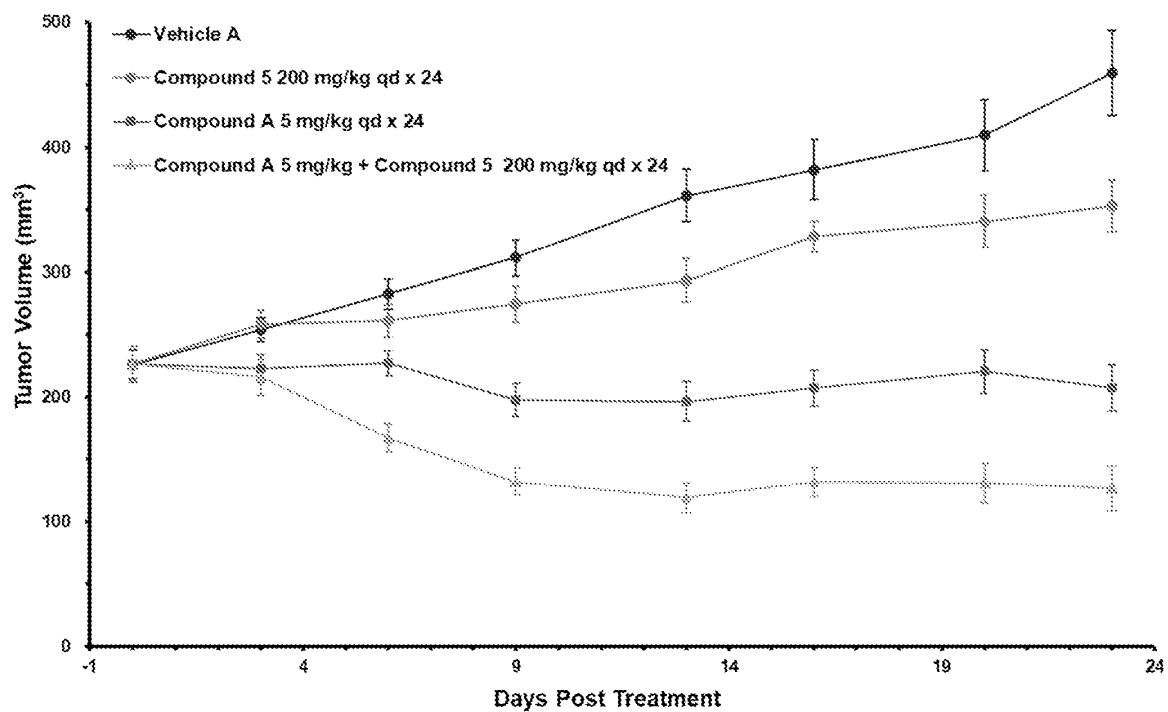


Figure 4

