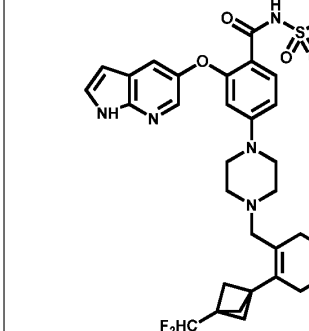
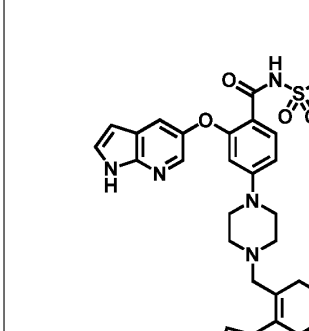
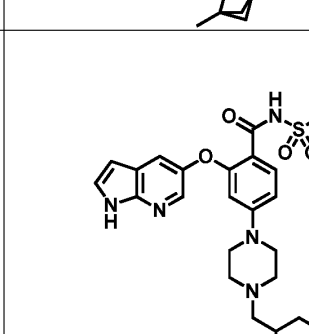
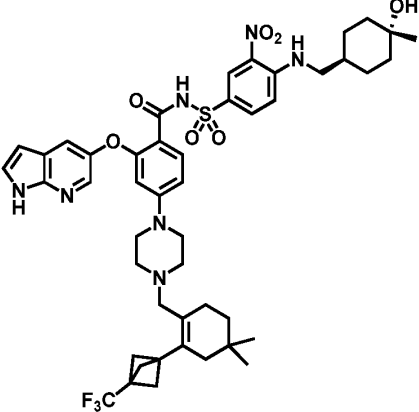
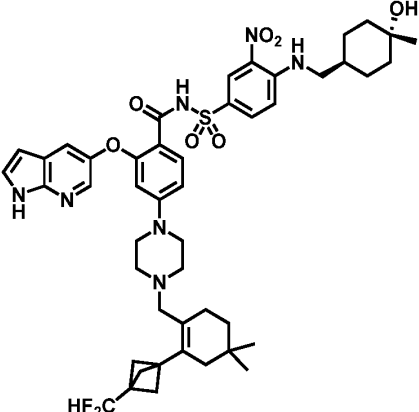
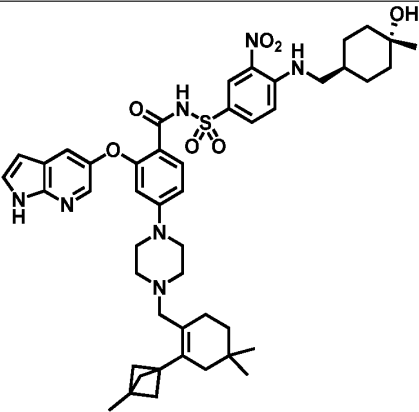
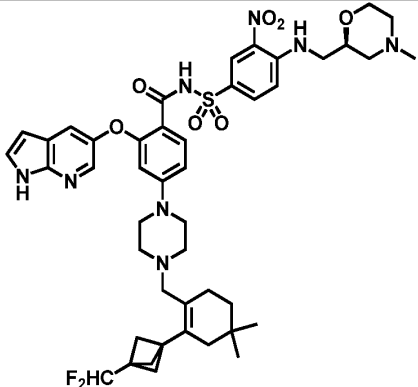
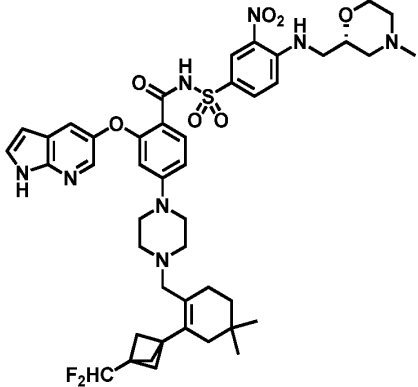
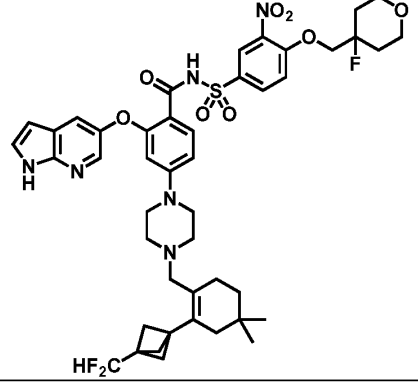


Figure 1

Compound No.	Structure
1	
2	
3	

Compound No.	Structure
4	 Chemical structure of Compound 4: A complex molecule featuring a central benzene ring substituted with a quinoline-2-yl ether group, a piperazine ring, and a sulfonamide group. The sulfonamide group is further substituted with a 4-nitrophenyl ring and a 4-(hydroxymethyl)cyclohexyl group. The piperazine ring is substituted with a 4-(trifluoromethyl)cyclohexyl group.
5	 Chemical structure of Compound 5: A complex molecule featuring a central benzene ring substituted with a quinoline-2-yl ether group, a piperazine ring, and a sulfonamide group. The sulfonamide group is further substituted with a 4-nitrophenyl ring and a 4-(hydroxymethyl)cyclohexyl group. The piperazine ring is substituted with a 4-(difluoromethyl)cyclohexyl group.
6	 Chemical structure of Compound 6: A complex molecule featuring a central benzene ring substituted with a quinoline-2-yl ether group, a piperazine ring, and a sulfonamide group. The sulfonamide group is further substituted with a 4-nitrophenyl ring and a 4-(hydroxymethyl)cyclohexyl group. The piperazine ring is substituted with a 4-(methyl)cyclohexyl group.

Compound No.	Structure
7	 Chemical structure of Compound 7: A complex molecule featuring a central piperazine ring. One nitrogen of the piperazine is connected to a 4-(2,3-dihydro-1H-indolizin-5-yl)phenyl group. The other nitrogen is connected to a 4-(2,2,6,6-tetramethyl-1,3-dioxane-5-yl)methyl group. The 2,2,6,6-tetramethyl-1,3-dioxane ring is substituted with a 4-(difluoromethyl)cyclobutyl group. The 4-(2,3-dihydro-1H-indolizin-5-yl)phenyl group is further substituted with a sulfonamide group (-SO₂NH-) linked to a 4-nitrophenyl group, which is in turn linked to a 4-(2,2,6,6-tetramethyl-1,3-dioxane-5-yl)methyl group.
8	 Chemical structure of Compound 8: A complex molecule featuring a central piperazine ring. One nitrogen of the piperazine is connected to a 4-(2,3-dihydro-1H-indolizin-5-yl)phenyl group. The other nitrogen is connected to a 4-(2,2,6,6-tetramethyl-1,3-dioxane-5-yl)methyl group. The 2,2,6,6-tetramethyl-1,3-dioxane ring is substituted with a 4-(difluoromethyl)cyclobutyl group. The 4-(2,3-dihydro-1H-indolizin-5-yl)phenyl group is further substituted with a sulfonamide group (-SO₂NH-) linked to a 4-nitrophenyl group, which is in turn linked to a 4-(2,2,6,6-tetramethyl-1,3-dioxane-5-yl)methyl group.
9	 Chemical structure of Compound 9: A complex molecule featuring a central piperazine ring. One nitrogen of the piperazine is connected to a 4-(2,3-dihydro-1H-indolizin-5-yl)phenyl group. The other nitrogen is connected to a 4-(2,2,6,6-tetramethyl-1,3-dioxane-5-yl)methyl group. The 2,2,6,6-tetramethyl-1,3-dioxane ring is substituted with a 4-(difluoromethyl)cyclobutyl group. The 4-(2,3-dihydro-1H-indolizin-5-yl)phenyl group is further substituted with a sulfonamide group (-SO₂NH-) linked to a 4-nitrophenyl group, which is in turn linked to a 4-(2,2,6,6-tetramethyl-1,3-dioxane-5-yl)methyl group.

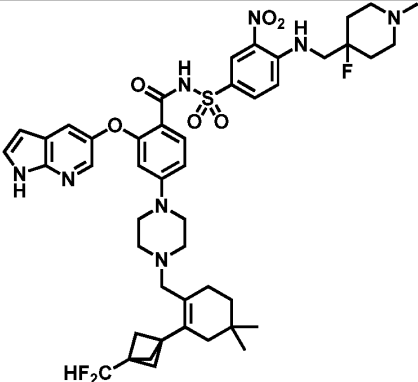
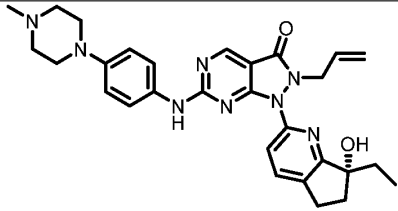
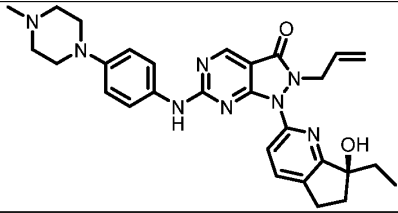
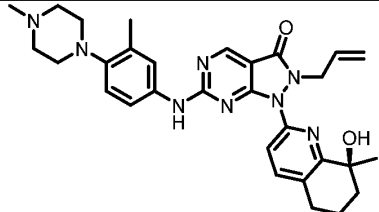
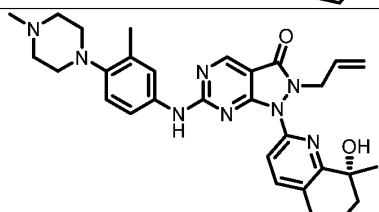
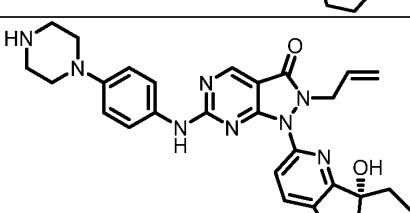
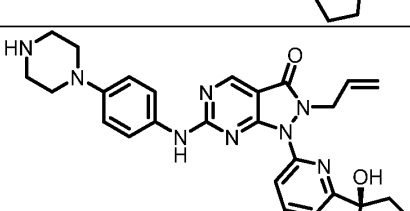
Compound No.	Structure
10	 The chemical structure of Compound 10 is a complex molecule featuring several interconnected rings and functional groups. It includes a pyridine ring substituted with a 2,3-dihydro-1H-indol-5-yl group and a 4-(4-(2,2-dimethyl-4-(2,2,2-trifluoroethyl)-5-oxocyclohex-1-en-1-yl)piperazin-1-yl)phenyl group. The pyridine ring is also substituted with a 4-(4-(2,2-dimethyl-4-(2,2,2-trifluoroethyl)-5-oxocyclohex-1-en-1-yl)piperazin-1-yl)phenyl group. The piperazine ring is substituted with a 4-(4-(2,2-dimethyl-4-(2,2,2-trifluoroethyl)-5-oxocyclohex-1-en-1-yl)piperazin-1-yl)phenyl group. The cyclohexene ring is substituted with a 2,2,2-trifluoroethyl group. The molecule also contains a sulfonamide group and a nitro group.

Figure 2

Compound No.	Structure
1A	
2A	
3A	
4A	
5A	
6A	

Compound No.	Structure
7A	
8A	
9A	
10A	
11A	
12A	

Figure 3

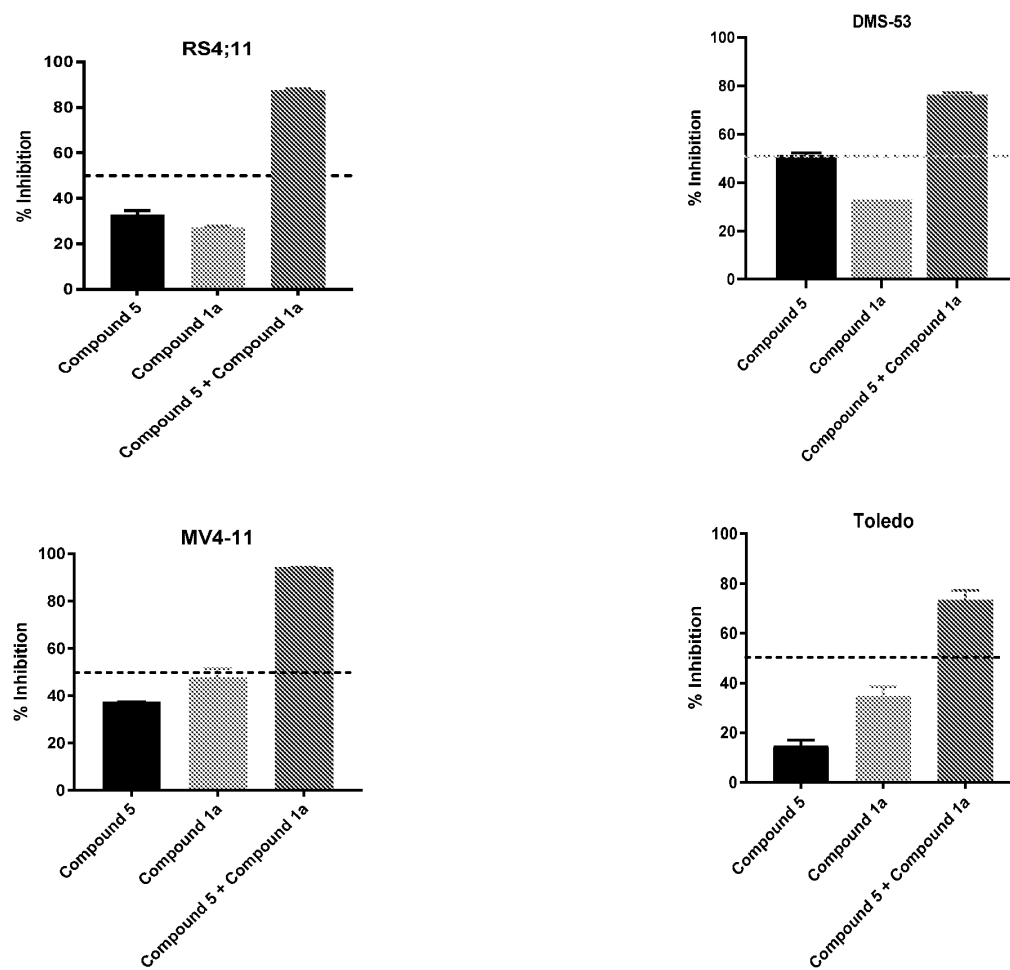


Figure 4

