

Figure 1

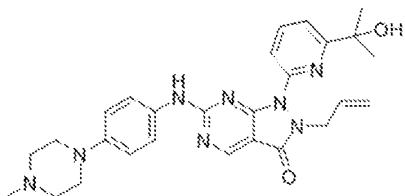
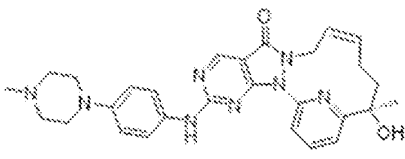
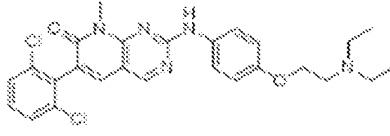
Compound No.	Structure
1	 (AZD1775)
2	NUV-569
3	IMP7068
4	Debio 0123
5	 (SC0191)
6	 (PD0166285)

Figure 2

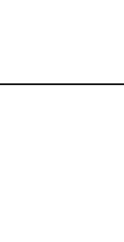
Compound No.	Structure
1A	
2A	
3A	

Figure 2 (cont.)

[illegible]

Figure 2 (cont.)

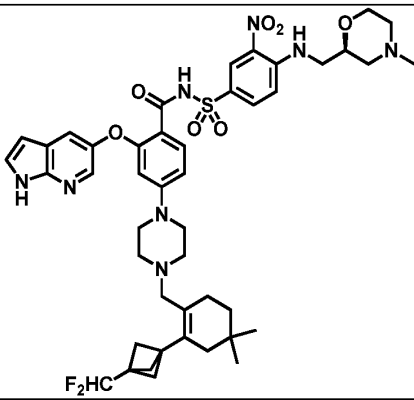
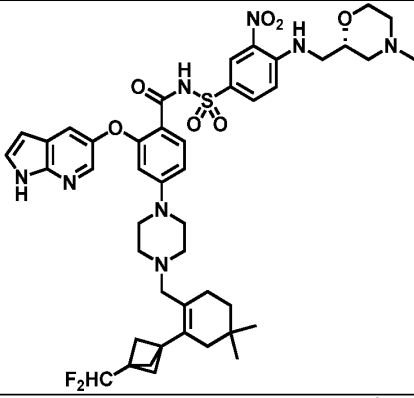
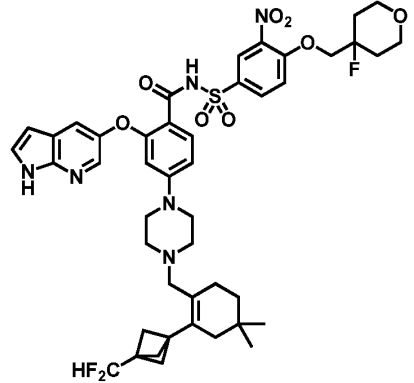
Compound No.	Structure
7A	 Chemical structure of compound 7A. It features a central piperazine ring. One nitrogen of the piperazine is connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The other nitrogen of the piperazine is connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The central piperazine ring is also connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The central piperazine ring is also connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group.
8A	 Chemical structure of compound 8A. It features a central piperazine ring. One nitrogen of the piperazine is connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The other nitrogen of the piperazine is connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The central piperazine ring is also connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The central piperazine ring is also connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group.
9A	 Chemical structure of compound 9A. It features a central piperazine ring. One nitrogen of the piperazine is connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The other nitrogen of the piperazine is connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The central piperazine ring is also connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group. The central piperazine ring is also connected to a 4-(2-(2,6-difluoromethyl-4-(4-methyl-2,2,6,6-tetramethyl-1,3-dioxane-5-yl)but-3-en-1-yl)phenyl)phenyl group.

Figure 2 (cont.)

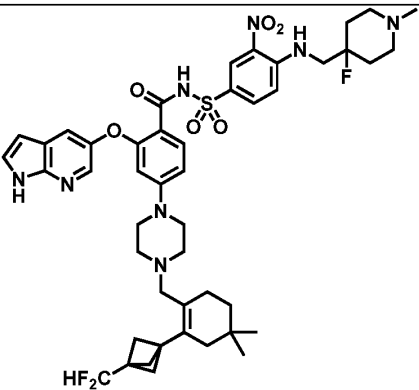
Compound No.	Structure
10A	 The chemical structure of compound 10A is a complex molecule. It features a central benzene ring substituted with a pyridine ring at the 4-position, a morpholine ring at the 1-position, and a sulfonamide group at the 3-position. The sulfonamide group is further substituted with a 4-nitrophenyl ring and a 4-(2-fluoroethyl)piperidine ring. The morpholine ring is substituted with a 4-(2-(2,2-dimethyl-4-(2,2,2-trifluoroethyl)-5,5-dimethyl-1,3-dioxane-1-yl)but-1-en-1-yl)phenyl ring.

Figure 3

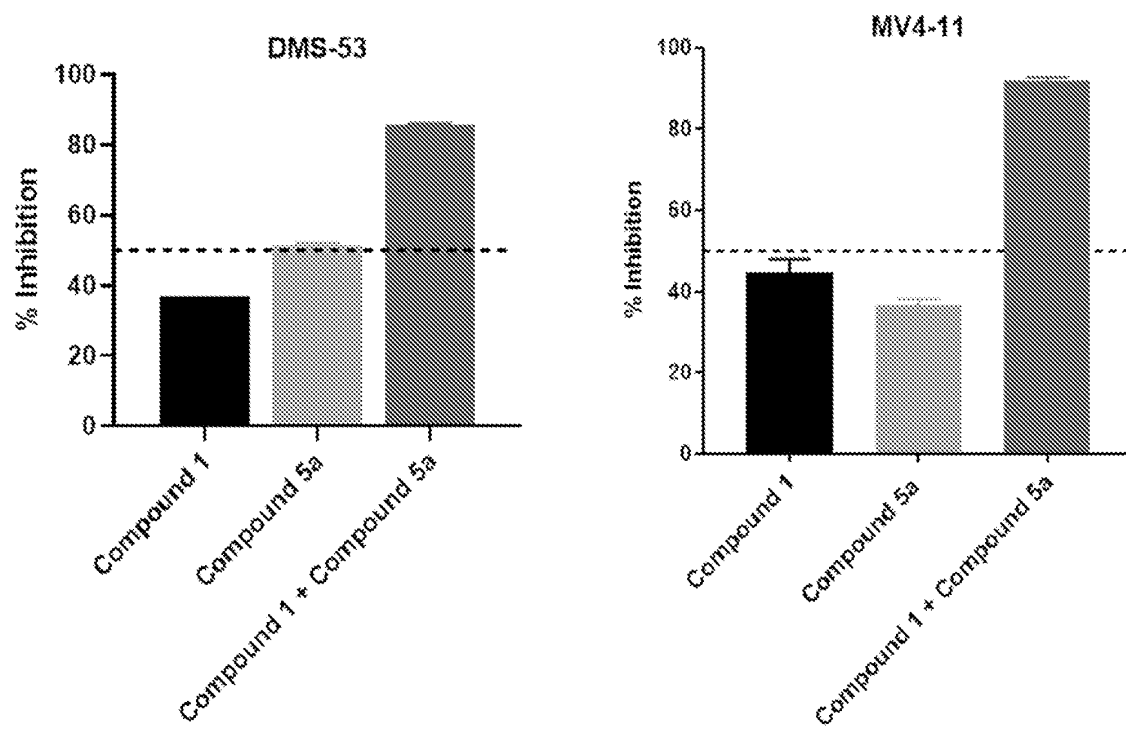


Figure 4

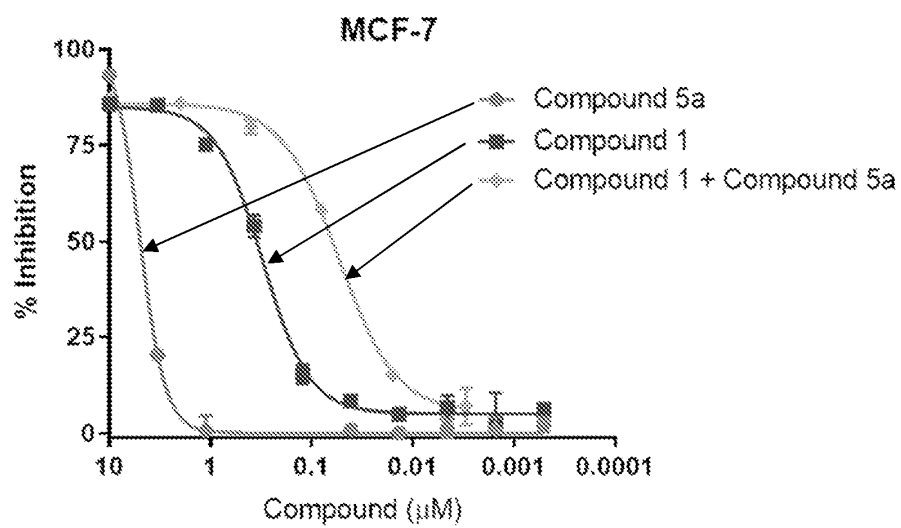


Figure 5

