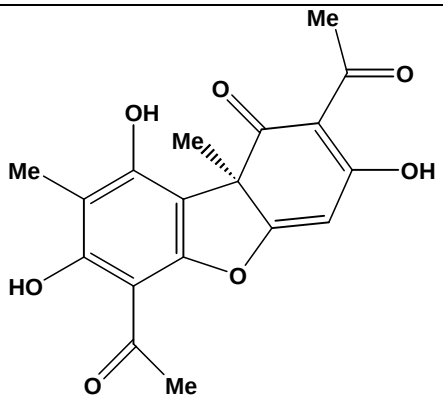
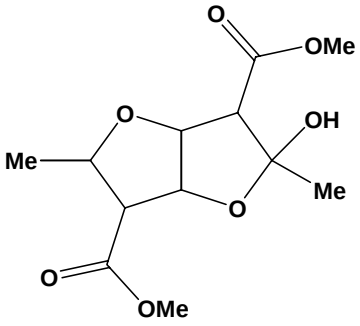
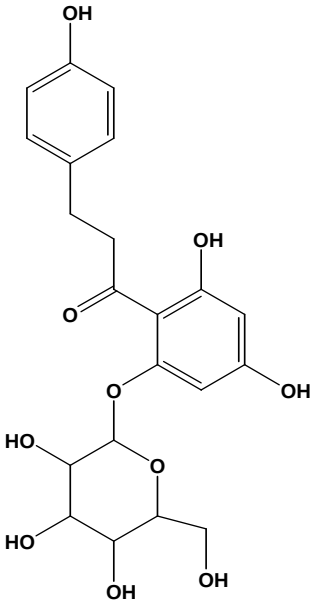
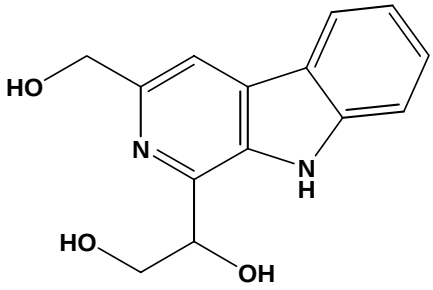
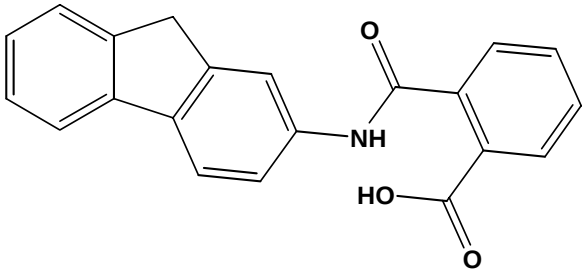
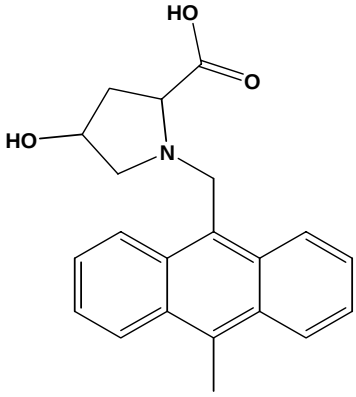
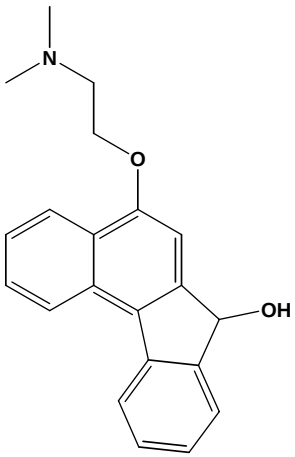
Table S1. Docked compounds that did not inhibit *Brugia* AsnRS, based on experimental assays, with SLIDE and DrugScore values reflecting the degree of protein-ligand complementarity.

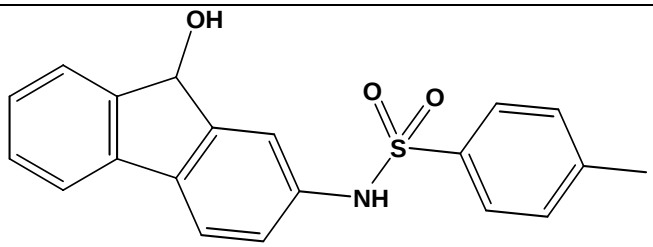
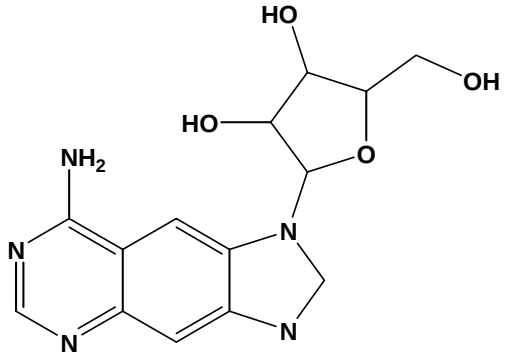
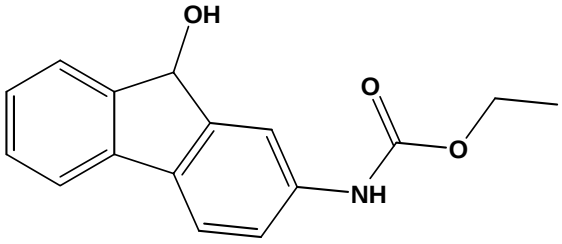
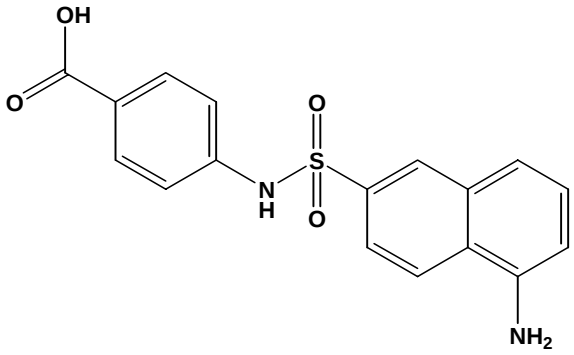
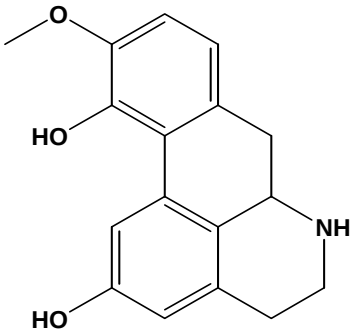
Compounds from the Cambridge Structural Database (CSD)

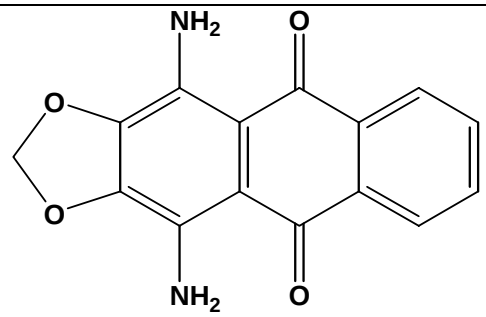
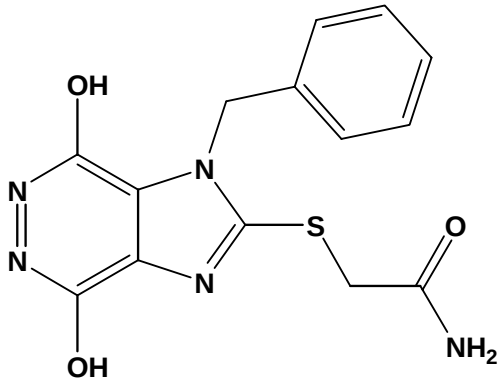
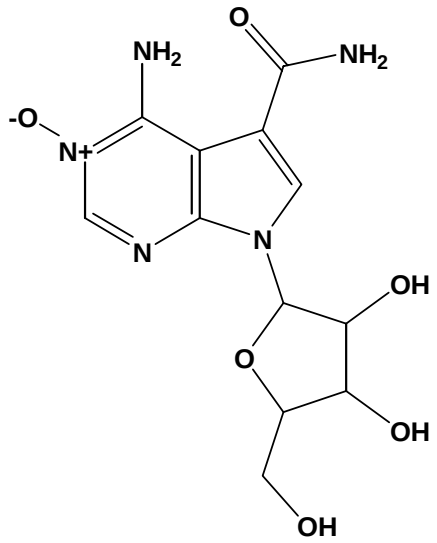
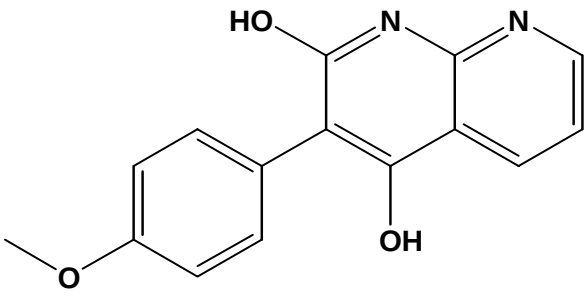
Ligand (CSD code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
USNICA01		47	-3.71
GEGGII		26	-3.42
CEWWAC		35	-4.66

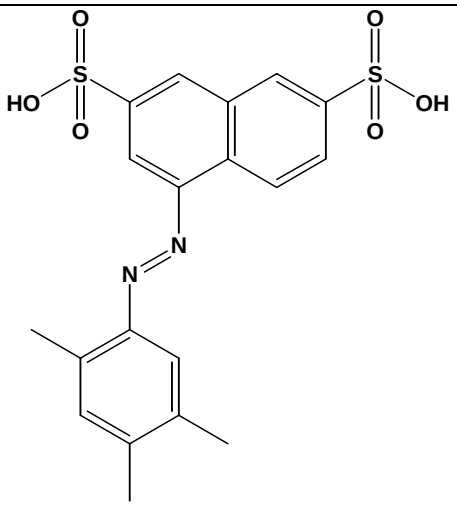
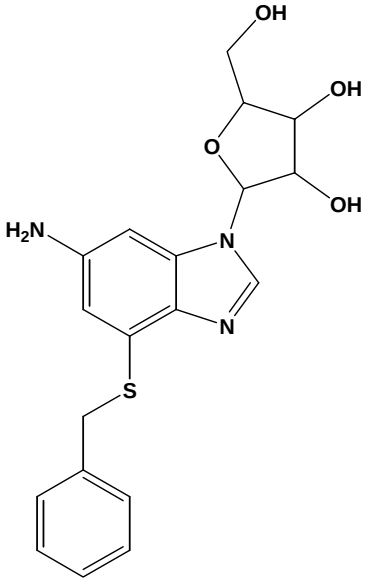
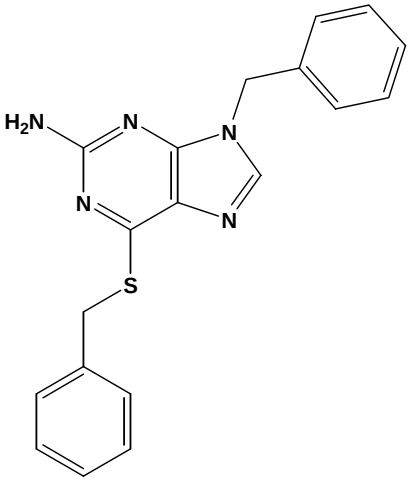
PINDOM		43	-3.50

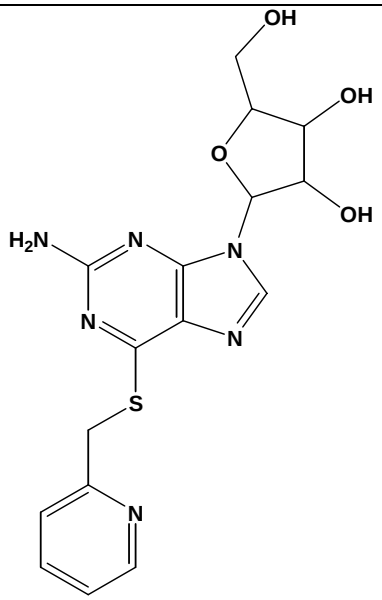
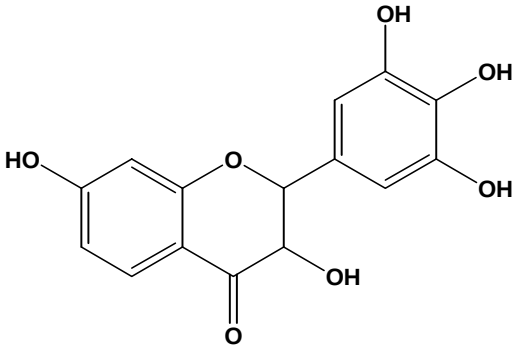
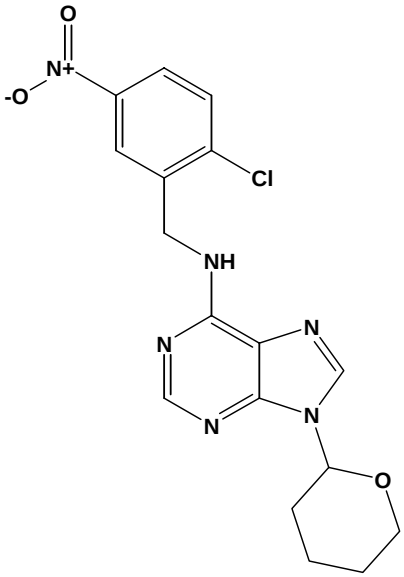
Compounds from the National Cancer Institute (NCI) Plated Compounds Database

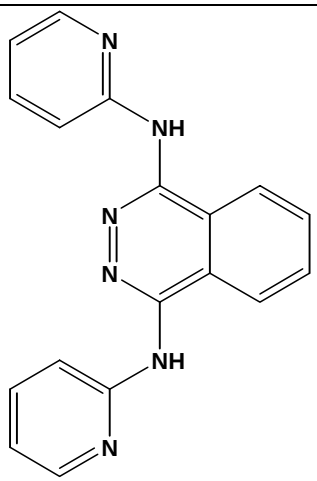
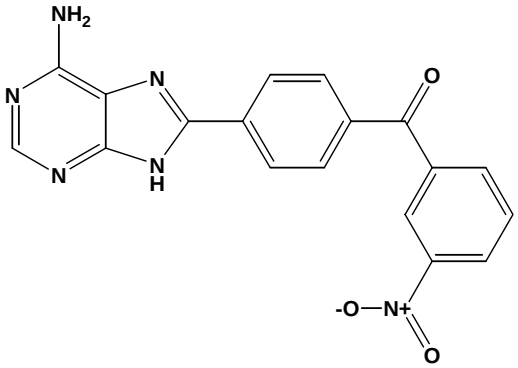
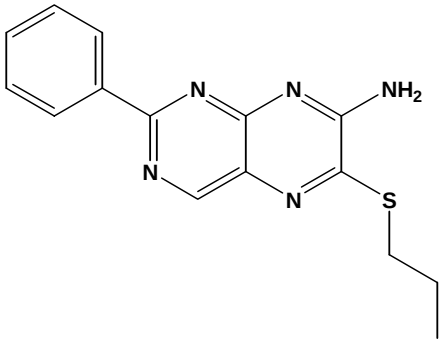
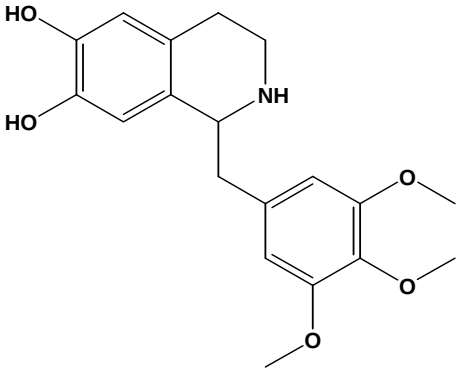
Ligand (NCI code)	**2D Structure**	**SLIDE Score[a]**	**DrugScore[b] (x 10^5)**
NSC12404		48	-4.69
NSC169654		48	-4.60
NSC625256		45	-4.89

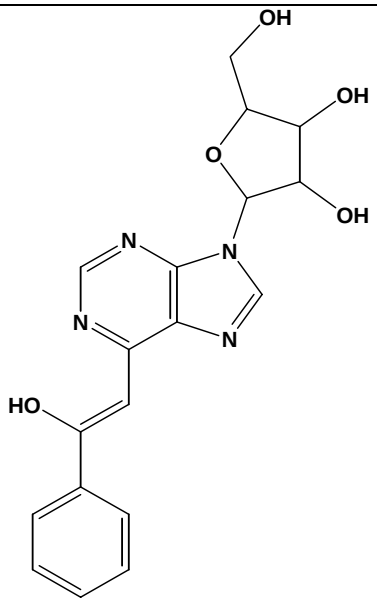
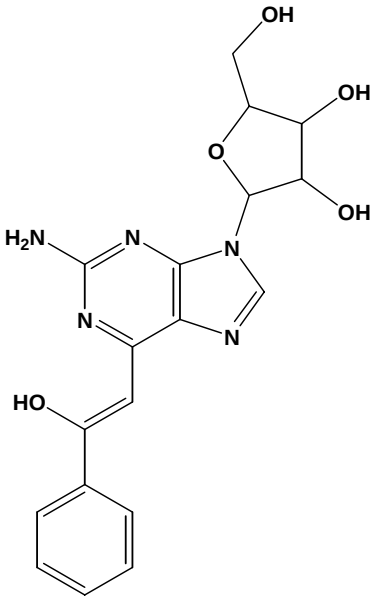
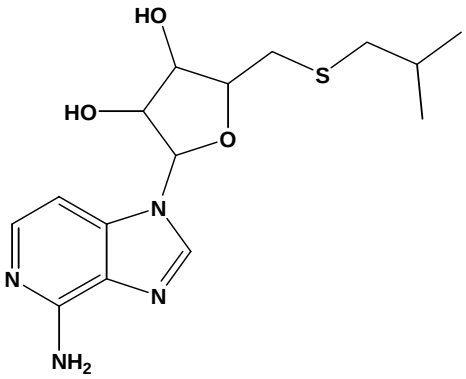
Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC405766		44	-4.82
NSC287076		44	-4.46
NSC81318		48	-3.99
NSC37173		44	-4.31
NSC282457		42	-4.57

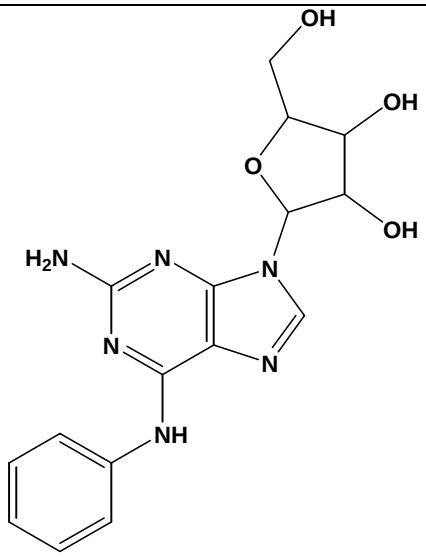
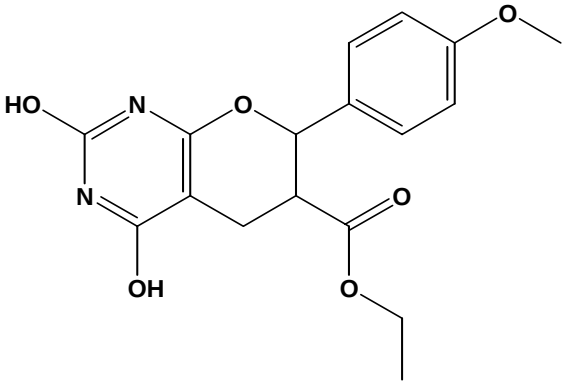
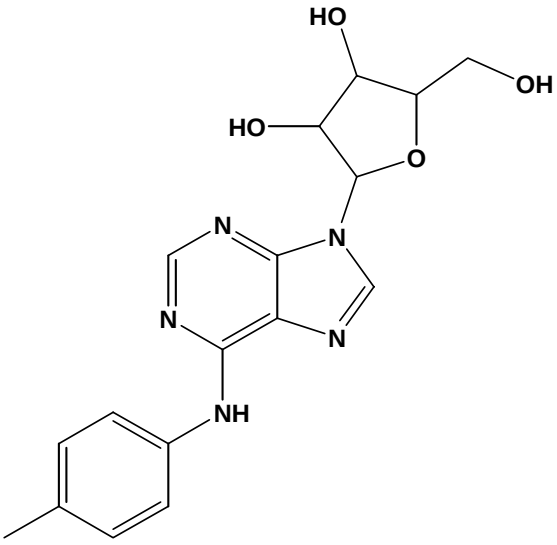
Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC609233		45	-3.69
NSC 114088		42	-4.06
NSC 116280		41	-5.17
NSC 318519		42	-3.86

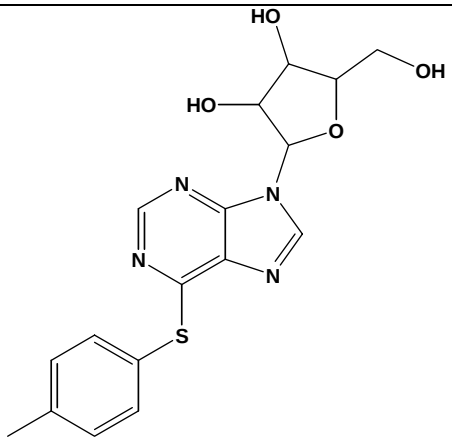
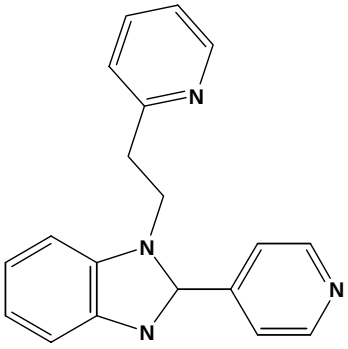
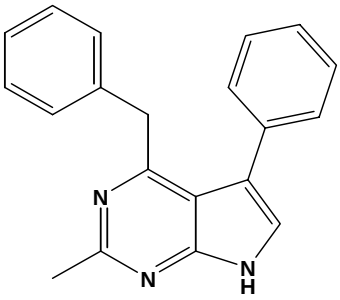
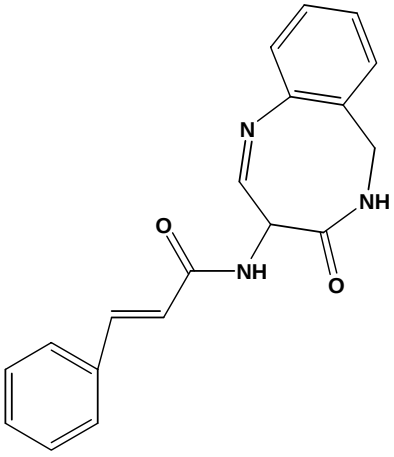
Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 10461		32	-5.05
NSC 31730		30	-4.66
NSC 42384		22	-4.97

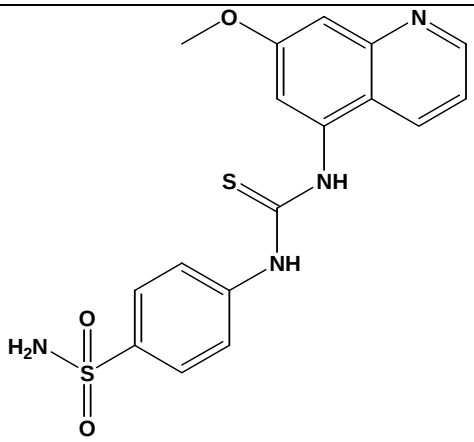
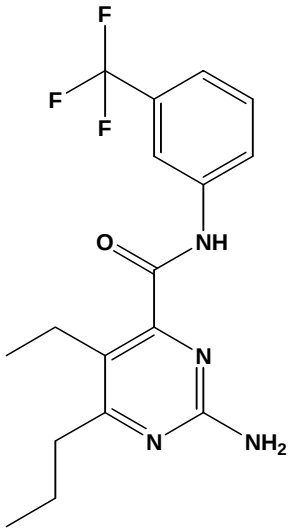
Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 46385		35	-4.87
NSC 59266		24	-4.47
NSC 145031		22	-5.31

Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 173205		23	-4.89
NSC 210305		31	-5.20
NSC 280437		23	-4.88
NSC 288748		33	-4.85

Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 295272		38	-43.86
NSC 295275		42	-5.04
NSC 313172		33	-5.32

Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 327925		32	-4.97
NSC 332192		28	-5.09
NSC 337773		27	-4.91

Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 337775		41	-5.06
NSC 356796		23	-4.83
NSC 361688		22	-5.01
NSC 382961		25	-5.10

Ligand (NCI code)	2D Structure	SLIDE Score[a]	DrugScore[b] (x 10^5)
NSC 403443		25	-4.88
NSC 631838		28	-4.93

[a]A higher value of SLIDE score is more favorable.

[b]A more negative value of DrugScore is more favorable.