Supplementary Materials

Table S1. List of compounds used in the thermal shift screenings. Note: The following information can be accessed at PubChem database [1]: http://pubchem.ncbi.nlm.nih.gov.

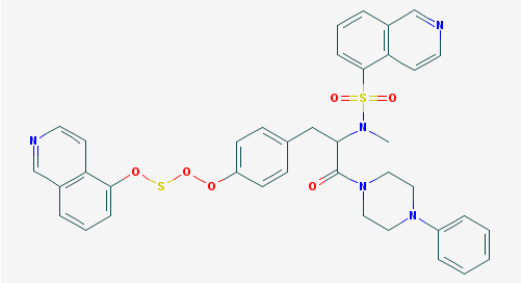
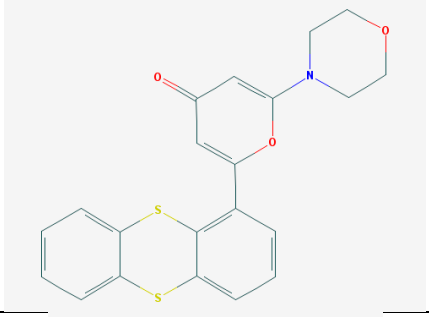
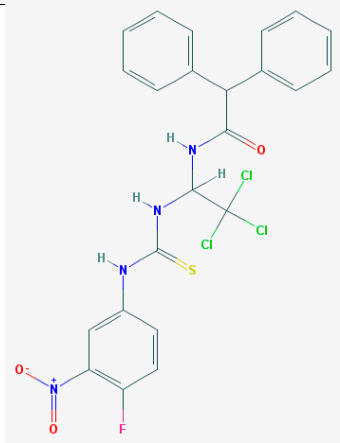
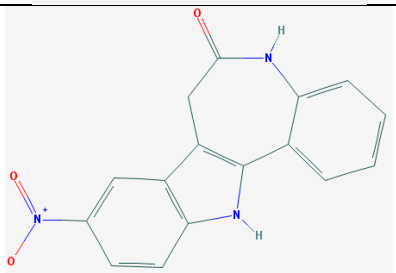
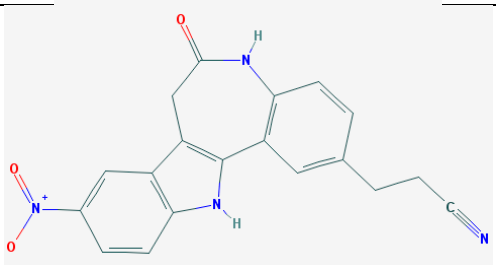
Description	CAS Number	Structure	PubChem Compound ID
KN-62	**127191-97-3**		**16760529**
ATM Kinase Inhibitor	**587871-26-9**		**5278396**
ATM/ATR Kinase Inhibitor	**905973-89-9**		**6605258**
Alsterpaullone	**237430-03-4**		**5005498**
Alsterpaullone, 2-Cyanoethyl	**852527-97-0**		**16760286**

Table S1. *Cont.*

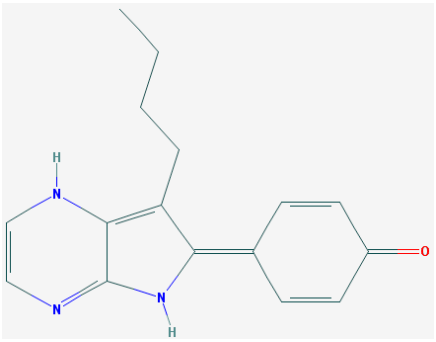
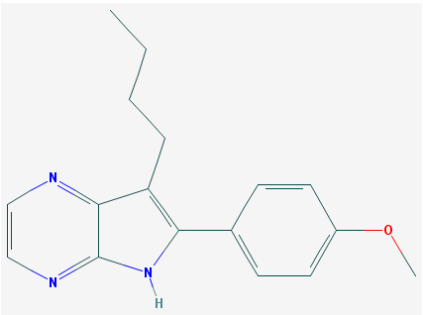
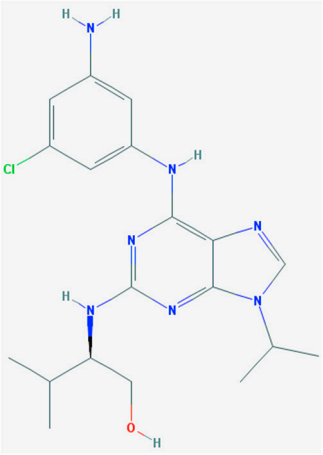
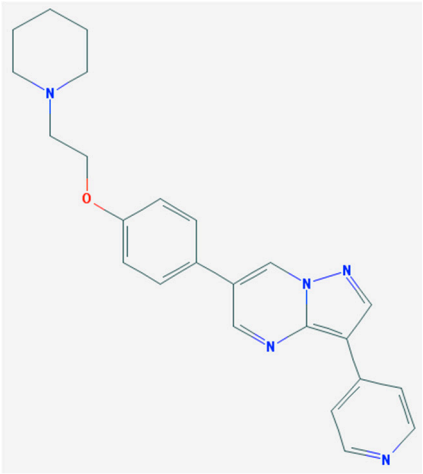
Description	CAS Number	Structure	PubChem Compound ID
Aloisine A, RP107	**496864-16-5**		**5326843**
Aloisine, RP106	**496864-15-4**		**3641059**
Aminopurvalanol A	**220792-57-4**		**6604931**
AMPK Inhibitor, Compound C	**866405-64-3**		**11524144**

Table S1. *Cont.*

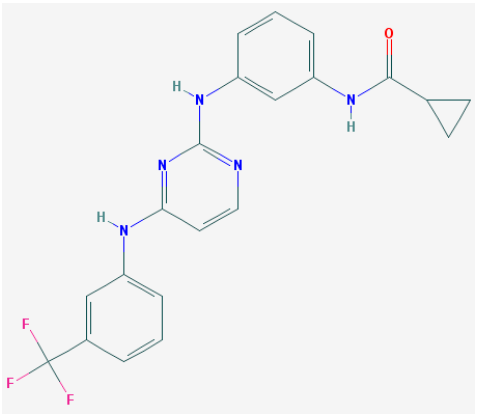
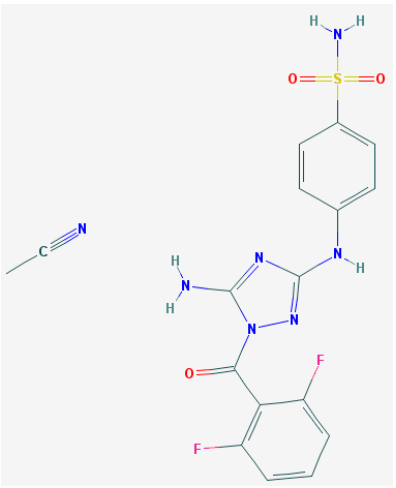
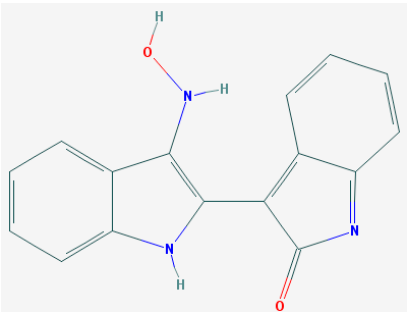
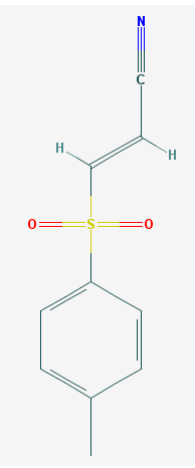
Description	CAS Number	Structure	PubChem Compound ID
Aurora Kinase Inhibitor III	**879127-16-9**		**9549303**
Aurora Kinase/Cdk Inhibitor	**443797-96-4**		**16760303**
Indirubin-3′-monoxime	**160807-49-8**		**5326739**
BAY 11-7082	**19542-67-7**		**5353431**

Table S1. *Cont.*

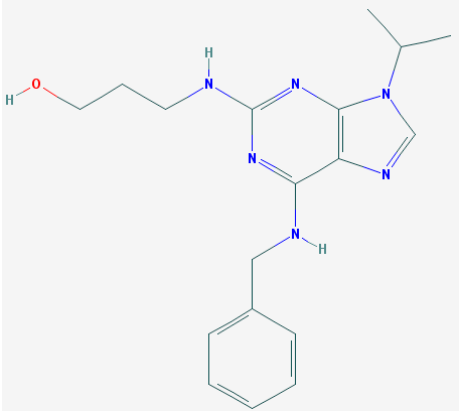
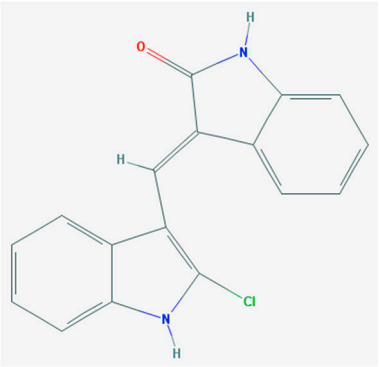
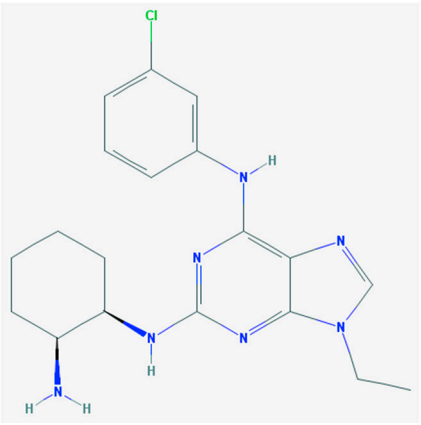
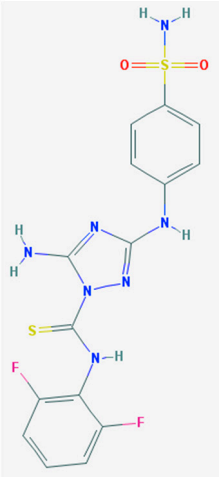
Description	CAS Number	Structure	PubChem Compound ID
Bohemine	**189232-42-6**		**2422**
Cdk1 Inhibitor	**220749-41-7**		**5472558**
Cdk1 Inhibitor, CGP74514A	**190654-01-4**		**2794188**
Cdk1/2 Inhibitor III	**443798-55-8**		**5330812**

Table S1. *Cont.*

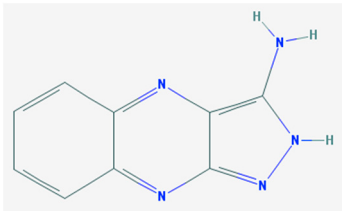
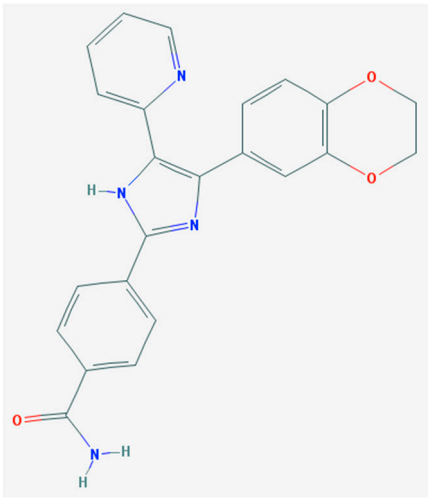
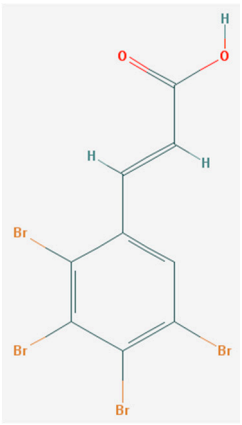
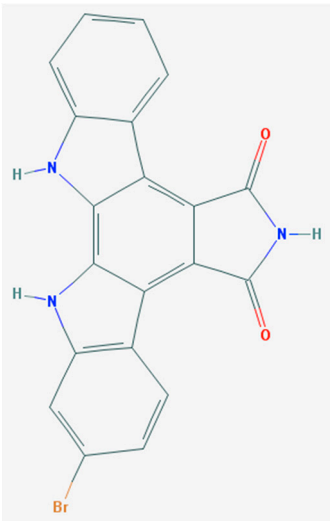
Description	CAS Number	Structure	PubChem Compound ID
Cdk1/5 Inhibitor	**40254-90-8**		**438981**
Casein Kinase I Inhibitor, D4476	**301836-43-1**		**6419753**
Casein Kinase II Inhibitor III, TBCA	**934358-00-6**		**16760346**
Cdk4 Inhibitor	**546102-60-7**		**5330797**

Table S1. *Cont.*

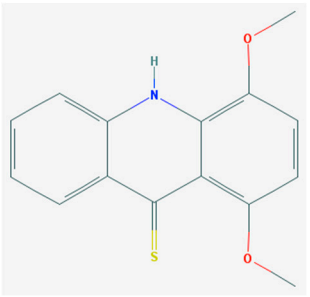
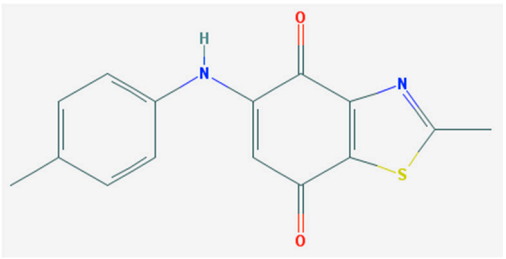
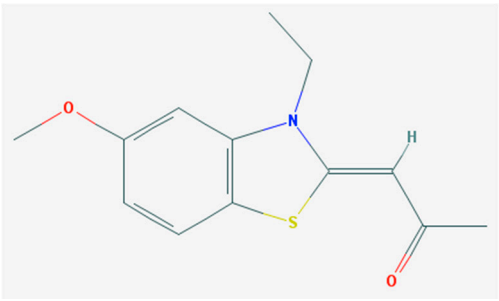
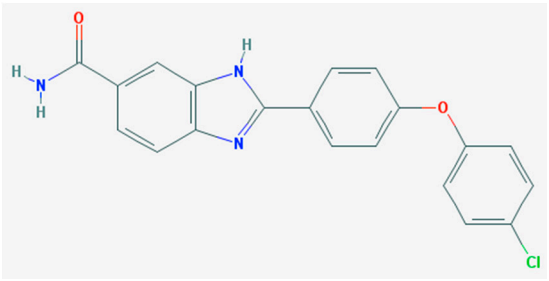
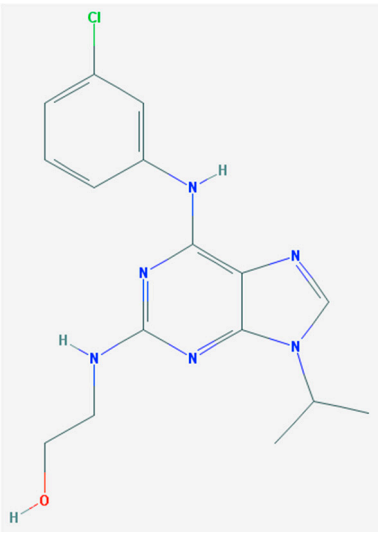
Description	CAS Number	Structure	PubChem Compound ID
Cdk4 Inhibitor II, NSC 625987	**141992-47-4**		**3004085**
Cdk4 Inhibitor III	**265312-55-8**		**481747**
Cdc2-Like Kinase Inhibitor, TG003	**300801-52-9**		**1893668**
Chk2 Inhibitor II	**516480-79-8**		**9969021**
Compound 52	**212779-48-1**		**2856**

Table S1. *Cont.*

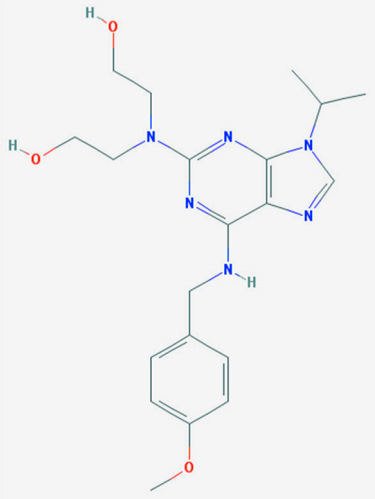
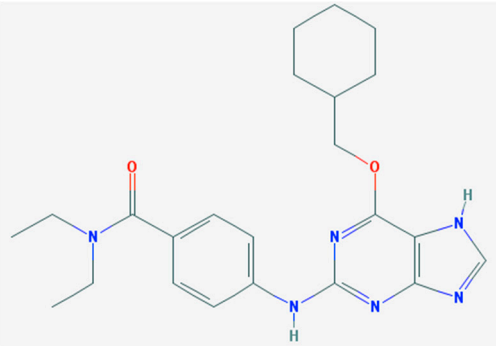
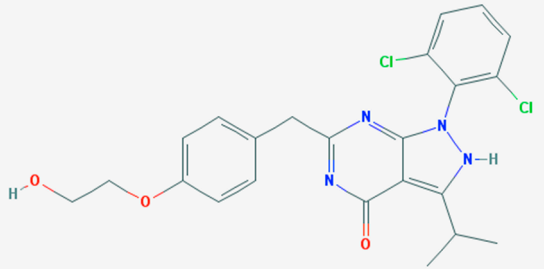
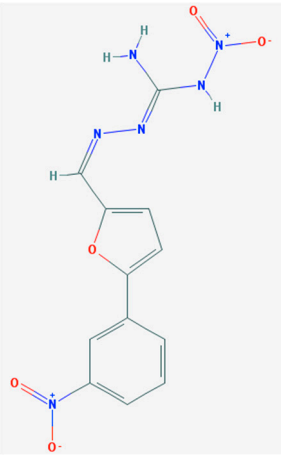
Description	CAS Number	Structure	PubChem Compound ID
Cdk2 Inhibitor III	199986-75-9		6918386
Cdk2 Inhibitor IV, NU6140	444723-13-1		10202471
Cdk/Crk Inhibitor	784211-09-2		9549301
ERK Inhibitor III			5339183

Table S1. *Cont.*

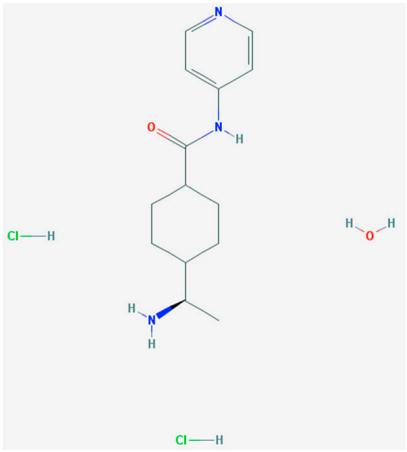
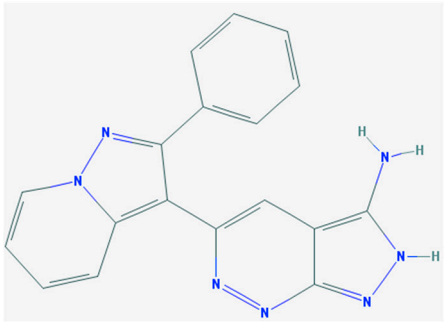
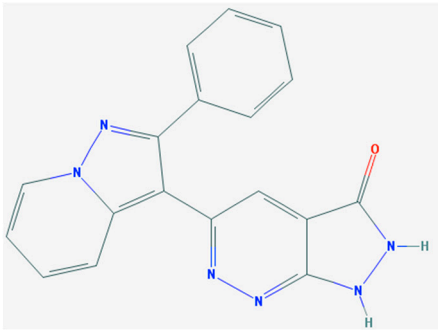
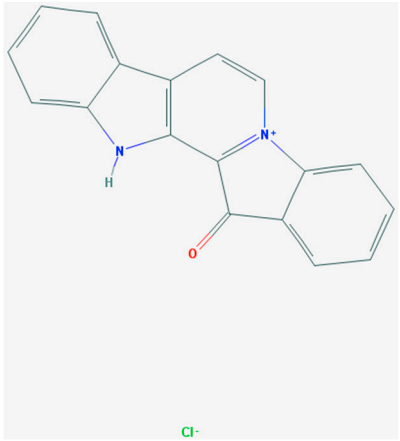
Description	CAS Number	Structure	PubChem Compound ID
ROCK Inhibitor, Y-27632	**146986-50-7**		**9797929**
ERK Inhibitor II, FR180204	**865362-74-9**		**11493598**
ERK Inhibitor II, Negative control			**16760417**
Fascaplysin, Synthetic	**114719-57-2**		**73292**

Table S1. *Cont.*

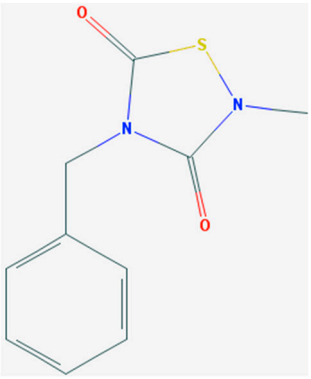
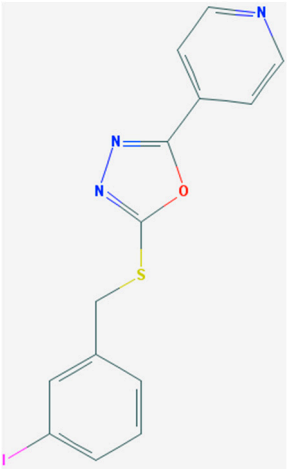
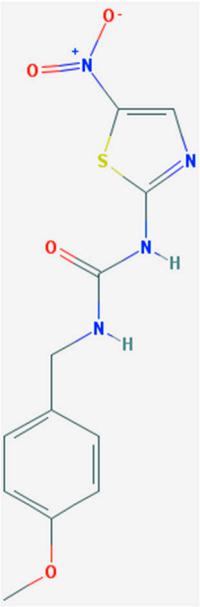
Description	CAS Number	Structure	PubChem Compound ID
GSK-3b Inhibitor I	327036-89-5		4124851
GSK-3b Inhibitor II	478482-75-6		6539732
GSK-3b Inhibitor VIII	487021-52-3		448014

Table S1. *Cont.*

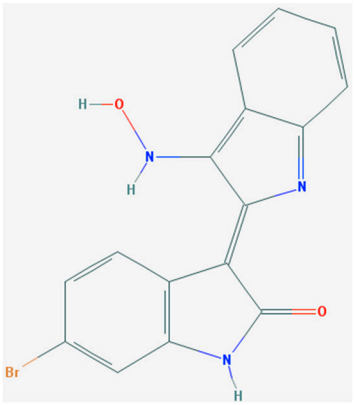
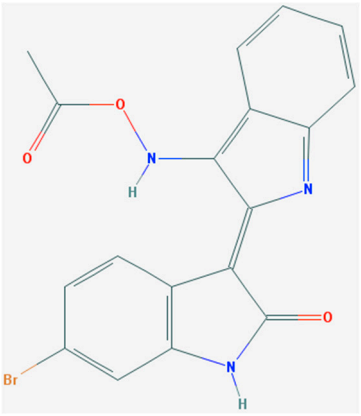
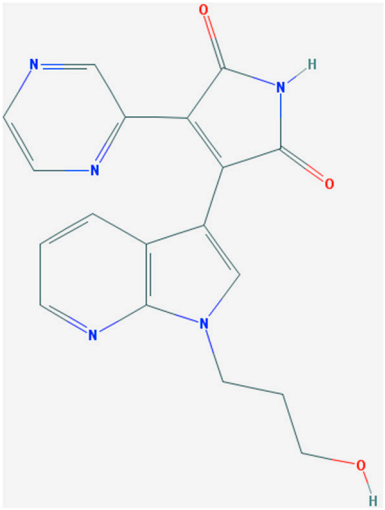
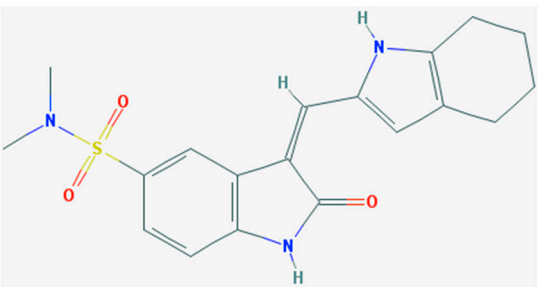
Description	CAS Number	Structure	PubChem Compound ID
GSK-3 Inhibitor IX	667463-62-9		5287844
GSK-3 Inhibitor X	667463-85-6		6538818
GSK-3b Inhibitor XI	626604-39-5		10020713
SU6656	330161-87-0		5312137

Table S1. *Cont.*

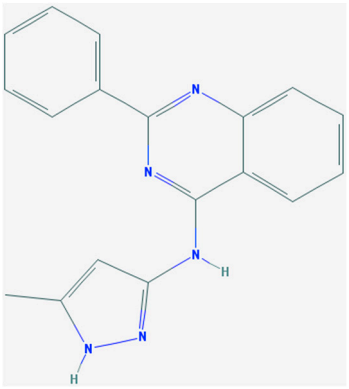
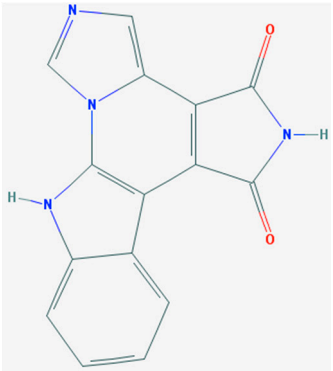
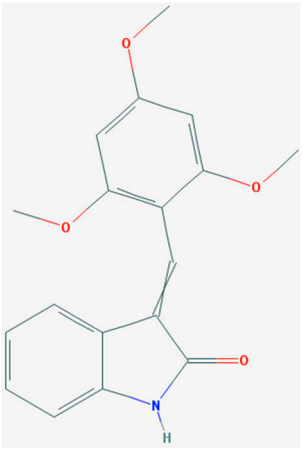
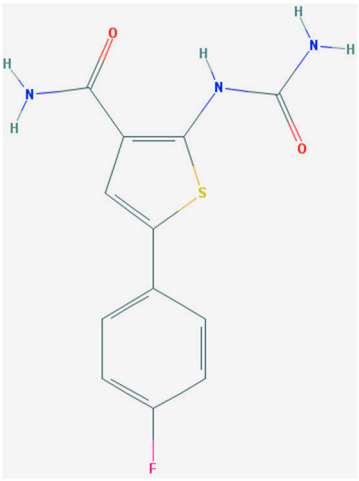
Description	CAS Number	Structure	PubChem Compound ID
GSK-3 Inhibitor XIII	404828-08-6		6419766
Isogranulatimide	244148-46-7		6419741
IC261	186611-52-9		3674
IKK-2 Inhibitor IV	507475-17-4		9903786

Table S1. *Cont.*

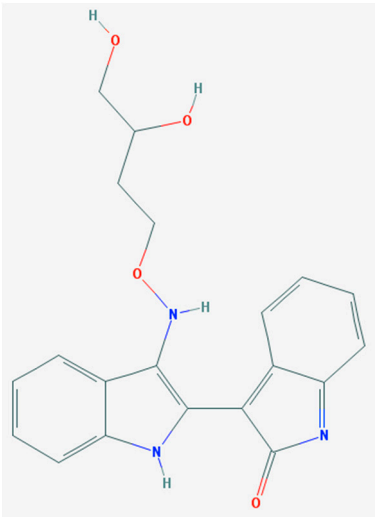
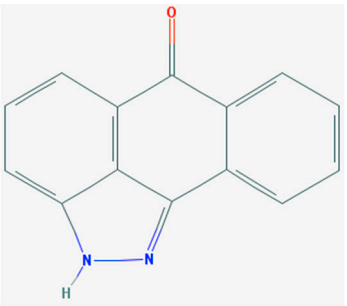
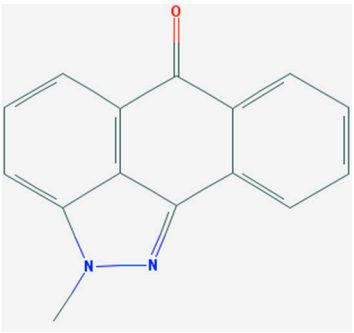
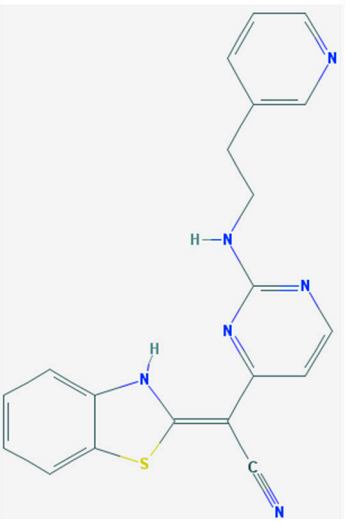
Description	CAS Number	Structure	PubChem Compound ID
Indirubin Derivative E804			**6419764**
JNK Inhibitor II	**129-56-6**		**8515**
JNK Inhibitor, Negative Control	**54642-23-8**		**11665831**
JNK Inhibitor V	**345987-15-7**		**11422035**

Table S1. *Cont.*

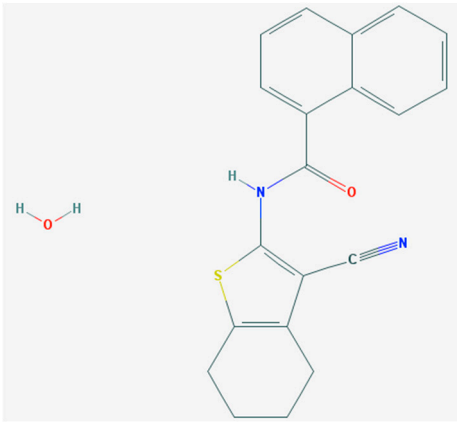
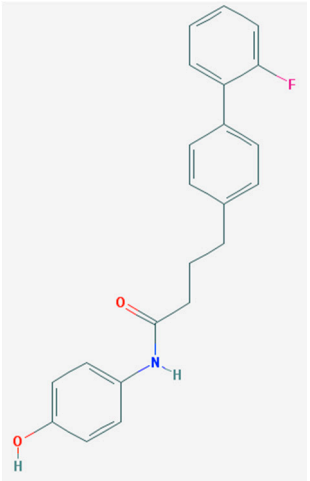
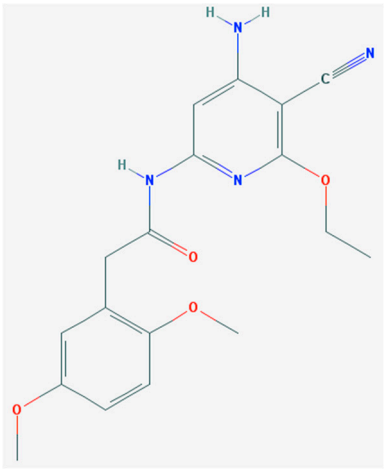
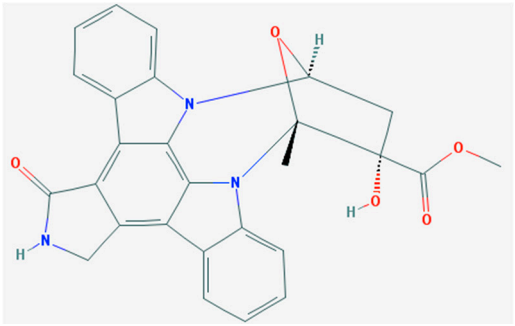
Description	CAS Number	Structure	PubChem Compound ID
JNK Inhibitor IX	**312917-14-9**		**16760525**
MK2a Inhibitor	**41179-33-3**		**11382492**
JNK Inhibitor VIII	**894804-07-0**		**11624601**
K-252a, Nocardiopsis sp.	**97161-97-2**		**490561**

Table S1. *Cont.*

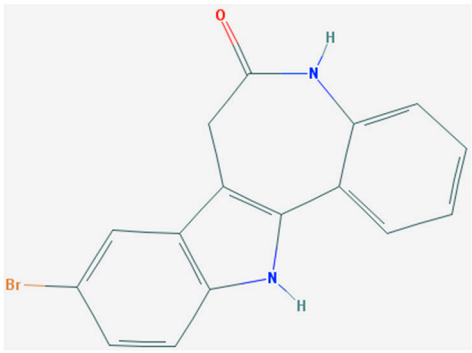
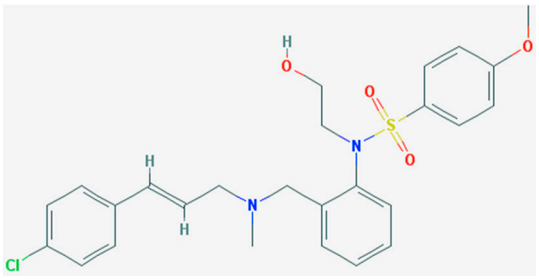
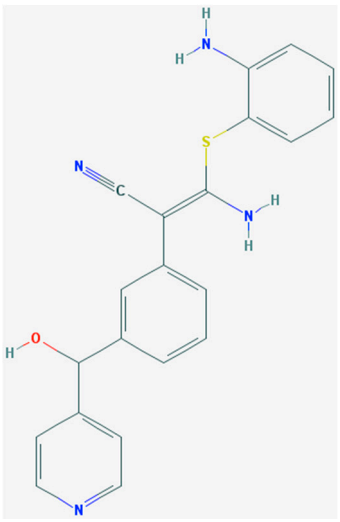
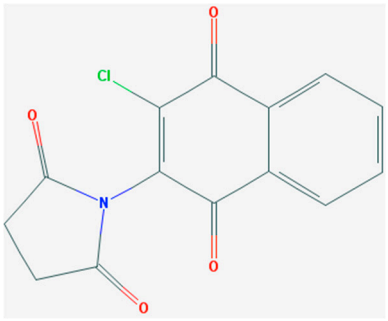
Description	CAS Number	Structure	PubChem Compound ID
Kenpaullone	**142273-20-9**		**3820**
KN-93	**139298-40-1**		**5312122**
MEK Inhibitor I			**9951490**
MEK Inhibitor II	**623163-52-0**		**389898**

Table S1. *Cont.*

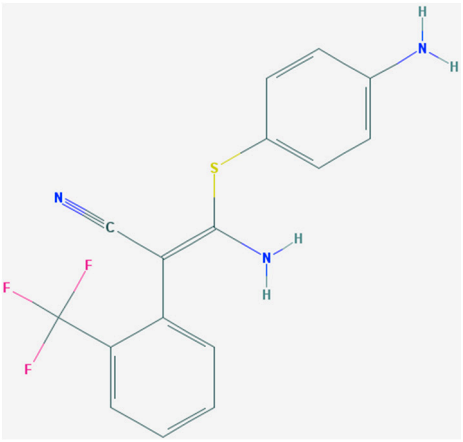
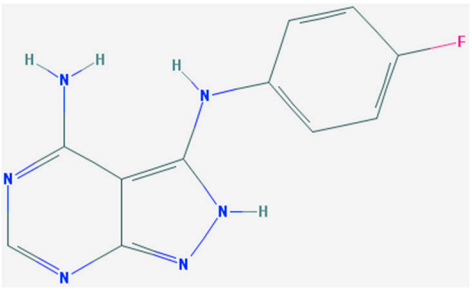
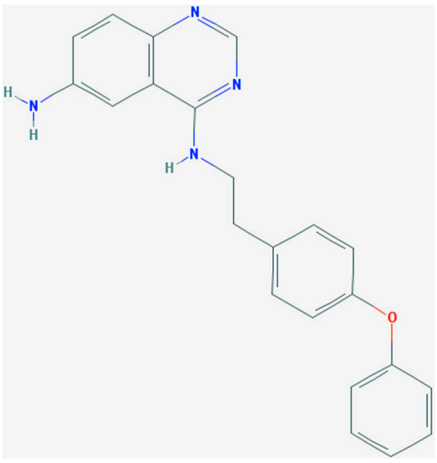
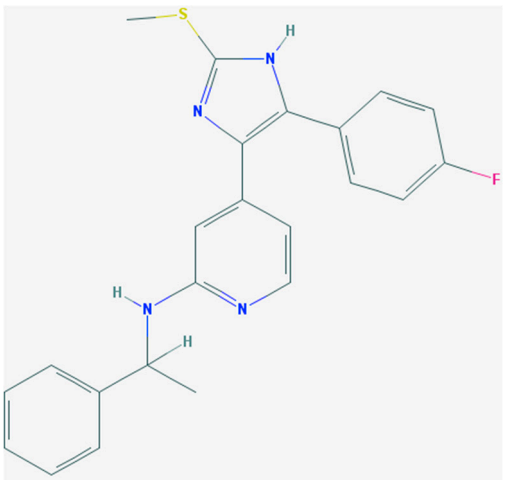
Description	CAS Number	Structure	PubChem Compound ID
MEK1/2 Inhibitor	305350-87-2		9549284
MNK1 Inhibitor	522629-08-9		11644425
NF-kB Activation Inhibitor	545380-34-5		509554
p38 MAP Kinase Inhibitor III	581098-48-8		6419739

Table S1. *Cont.*

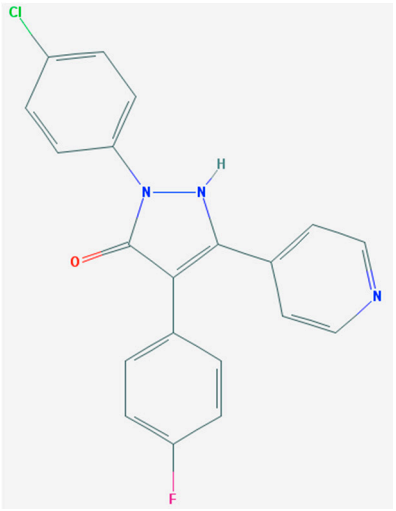
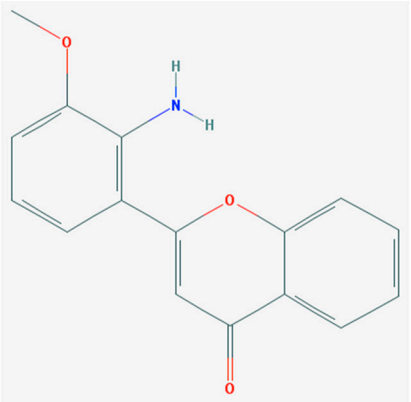
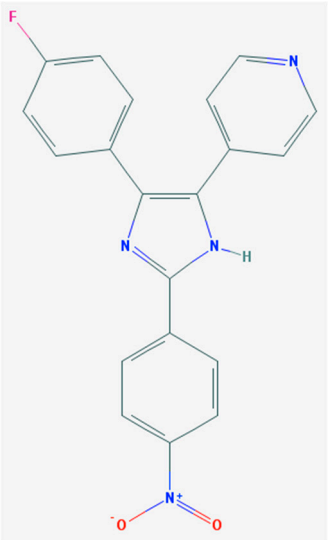
Description	CAS Number	Structure	PubChem Compound ID
p38 MAP Kinase Inhibitor	219138-24-6		4665
PD 98059	167869-21-8		4713
PD 169316	152121-53-4		4712

Table S1. *Cont.*

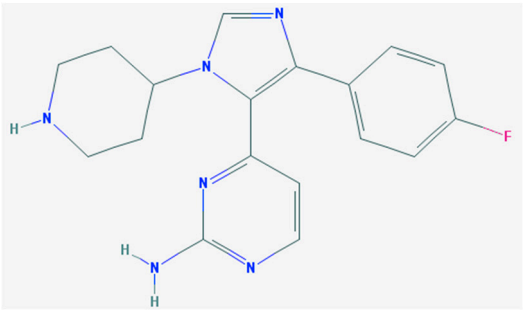
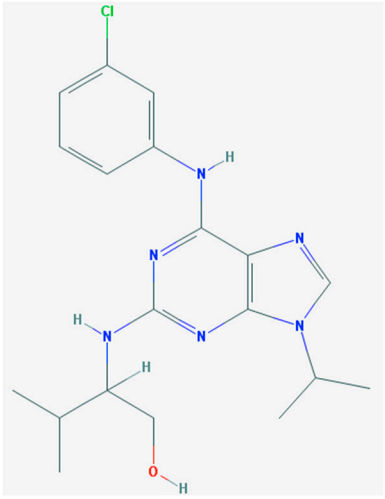
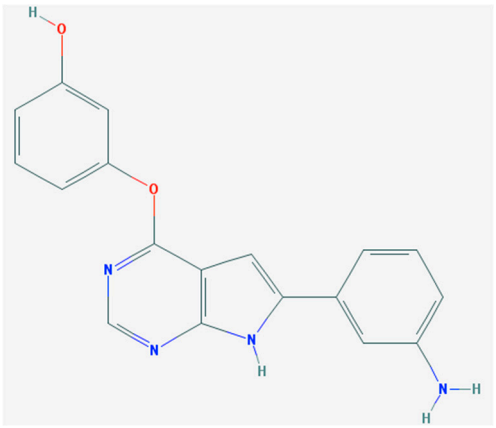
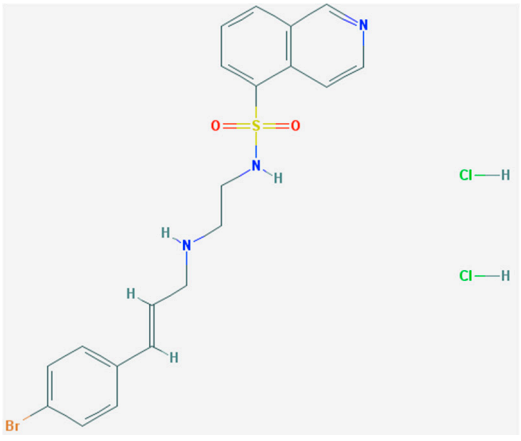
Description	CAS Number	Structure	PubChem Compound ID
SB220025	165806-53-1		5164
Purvalanol A	212844-53-6		4987
GSK3b Inhibitor XII, TWS119	601514-19-6		9549289
H-89, Dihydrochloride	127243-85-0		5702541

Table S1. *Cont.*

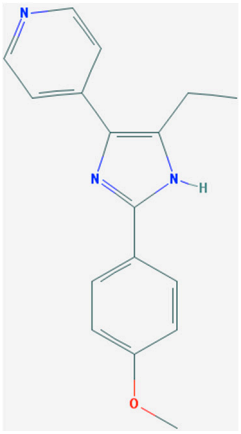
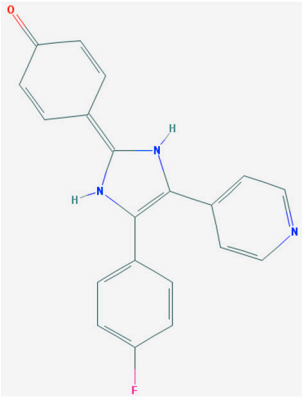
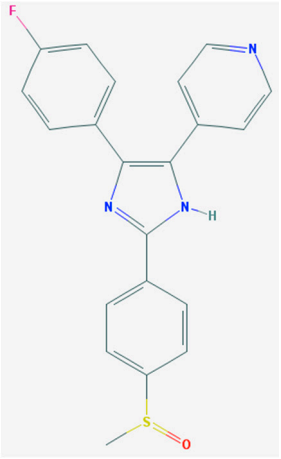
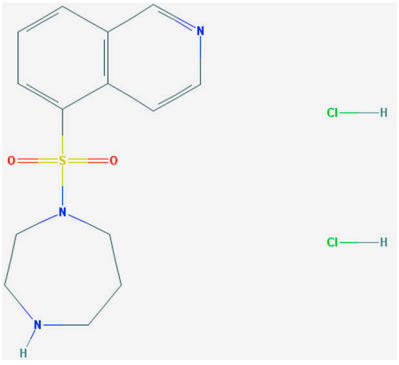
Description	CAS Number	Structure	PubChem Compound ID
SB 202474, Negative control for p38 MAPK inhibition studies	**172747-50-1**		**5162**
SB 202190	**152121-30-7**		**5353940**
SB 203580	**152121-47-6**		**176155**
HA 1077, Dihydrochloride Fasudil	**103745-39-7**		**16219471**

Table S1. *Cont.*

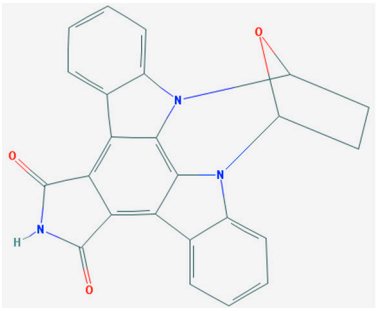
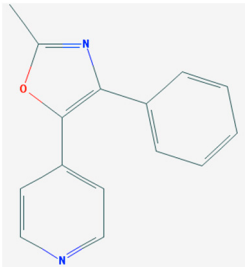
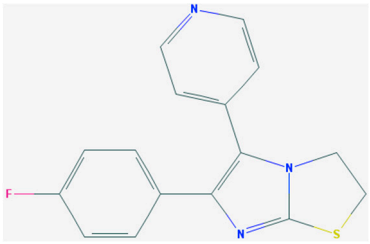
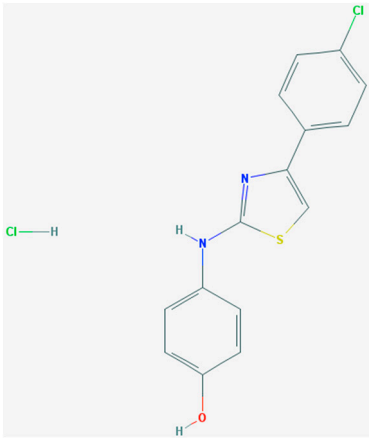
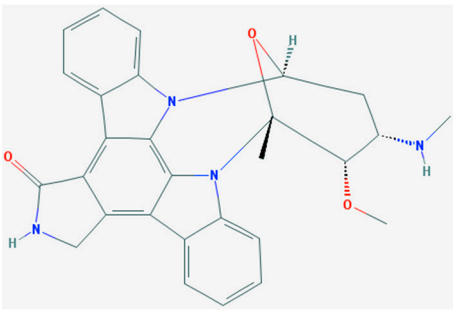
Description	CAS Number	Structure	PubChem Compound ID
SB 218078	135897-06-2		3387354
SC-68376	318480-82-9		5174
SKF-86002	72873-74-6		5228
Sphingosine Kinase Inhibitor	1177741-83-1		16760659
Staurosporine, Streptomyces sp.	62996-74-1		451705

Table S1. *Cont.*

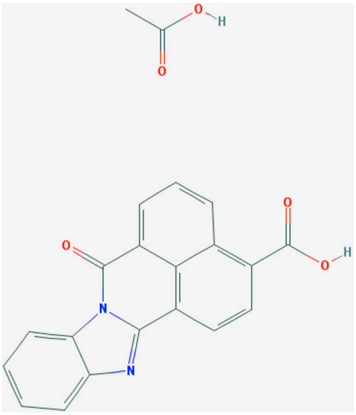
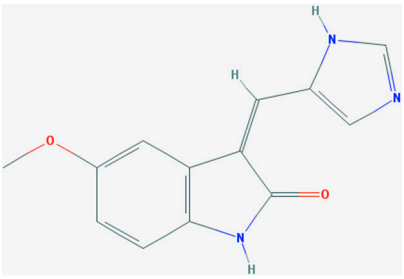
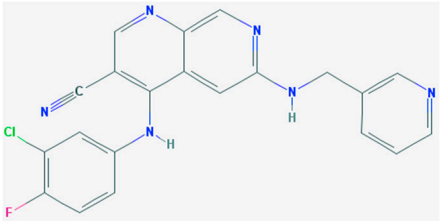
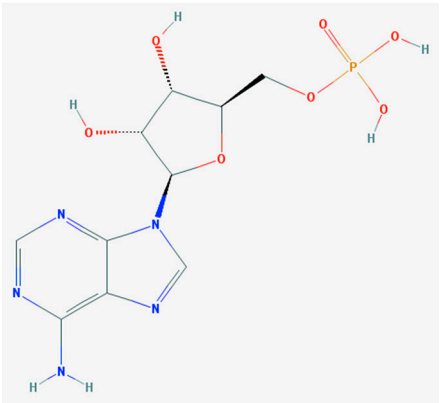
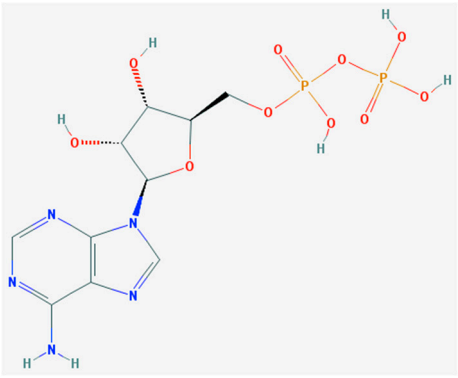
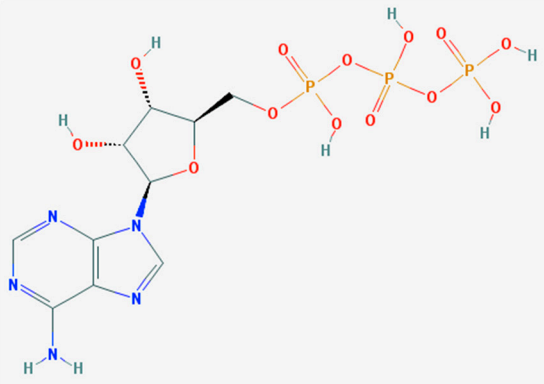
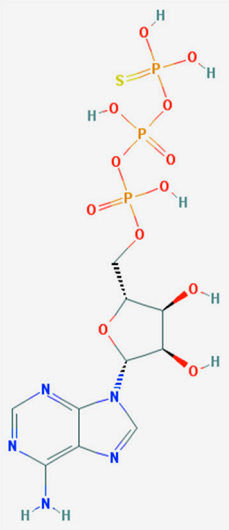
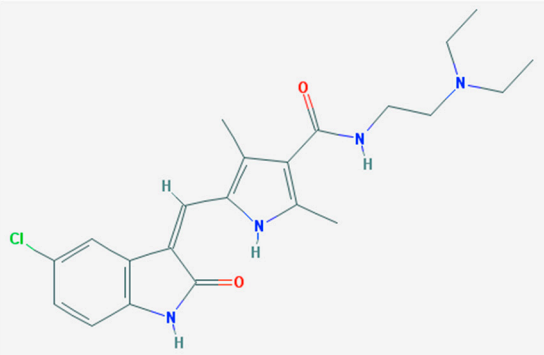
Description	CAS Number	Structure	PubChem Compound ID
STO-609	52029-86-4		16760660
SU9516	666837-93-0		5289419
Tpl2 Kinase Inhibitor	871307-18-5		9549300
AMP	61-19-8		6083
ADP	58-64-0		6022

Table S1. *Cont.*

Description	CAS Number	Structure	PubChem Compound ID
ATP	**56-65-5**		**5957**
ATP-gammaS	**35094-46-3**		**440317**
SU11652			**5329103**

References

1. Bolton, E.; Wang, Y.; Thiessen, P.A.; Bryant, S.H. Chapter 12—PubChem: Integrated Platform of Small Molecules and Biological Activities. *Annu. Rep. Comput. Chem.* **2008**, *4*, 217–241.