

Kinase Profiling Report for:

Cambridge Bioscience Limited

Quote #

20121115-CBL-UK-UGR

2 compounds tested against 2 kinases

Compounds were tested in 10-dose IC<sub>50</sub> mode with 2-fold serial dilution starting at 200 µM

Control Compound Staurosporine was tested in 10-dose IC<sub>50</sub> mode with 3-fold serial dilution starting at 20 µM

Reactions were carried out at 10 µM ATP

Data pages include raw data, % Enzyme activity (relative to DMSO controls) , and curve fits.

IC<sub>50</sub> Summary:

Kinase:	Compound IC <sub>50</sub> * (M):		Staurosporine IC <sub>50</sub> * (M):
	ASIMJ-5	ASIMJ-6	
DAPK1	2,30E-05		2,57E-09
DAPK2			2,04E-09

\* Empty cells indicate no inhibition or compound activity that could not be fit to an IC<sub>50</sub> curve

ND Indicates compound not tested against enzyme

Kinase Profiling Report for:

DAPK1

Raw data

Conc.(M)	ASIMJ-5	ASIMJ-6	Staurosporine	Stauro Conc.(M)
2,00E-04	948003	1790902	21385	2,00E-05
1,00E-04	935105	1417618	24737	6,67E-06
5,00E-05	997187	1178398	27152	2,22E-06
2,50E-05	1197885	1241709	33185	7,41E-07
1,25E-05	1408108	1312473	42544	2,47E-07
6,25E-06	1878777	1115200	104257	8,23E-08
3,13E-06	1676673	1389106	193932	2,74E-08
1,56E-06	1806705	1500476	625411	9,14E-09
7,81E-07	1872335	1532967	1439525	3,05E-09
3,91E-07	1876032	1693591	1610366	1,02E-09
DMSO	2592517	2589121	2627313	DMSO

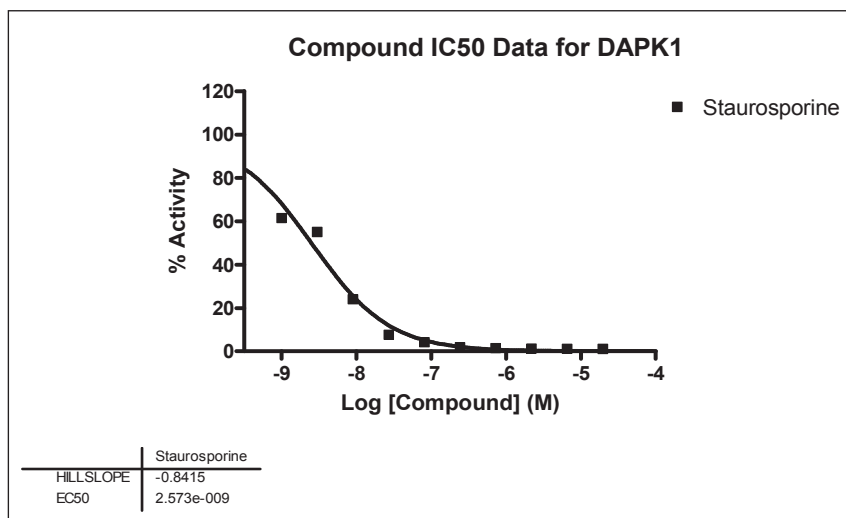
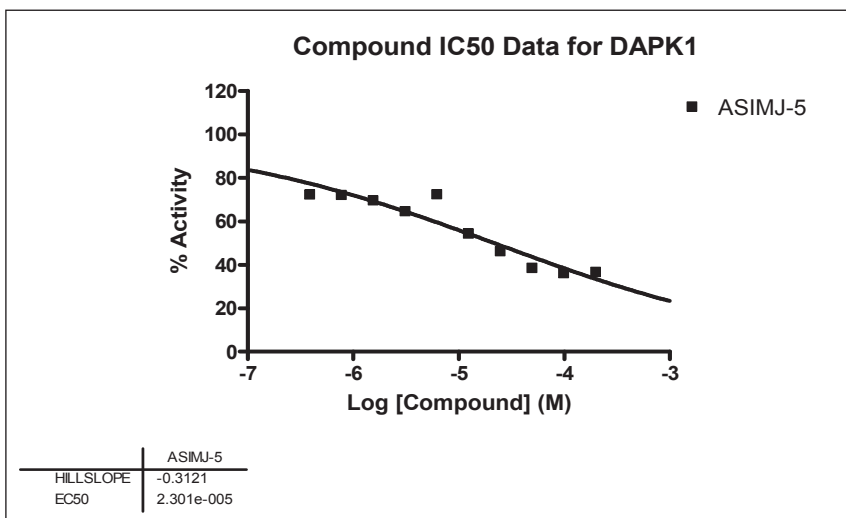
%Activity

Conc.(M)	ASIMJ-5	ASIMJ-6	Staurosporine	Stauro Conc.(M)
2,00E-04	36,42	68,80	0,81	2,00E-05
1,00E-04	35,92	54,46	0,94	6,67E-06
5,00E-05	38,31	45,27	1,03	2,22E-06
2,50E-05	46,02	47,70	1,26	7,41E-07
1,25E-05	54,10	50,42	1,62	2,47E-07
6,25E-06	72,18	42,84	3,97	8,23E-08
3,13E-06	64,41	53,37	7,38	2,74E-08
1,56E-06	69,41	57,64	23,80	9,14E-09
7,81E-07	71,93	58,89	54,79	3,05E-09
3,91E-07	72,07	65,06	61,29	1,02E-09
DMSO	99,60	99,47	100,00	DMSO

HILLSLOPE  
IC50 (M)

-0,31  
2,30E-05

-0,84  
2,57E-09



Kinase Profiling Report for:

DAPK2

Raw data

Conc.(M)	ASIMJ-5	ASIMJ-6	Staurosporine	Stauro Conc.(M)
2,00E-04	825698	682055	17543	2,00E-05
1,00E-04	921210	784023	2196	6,67E-06
5,00E-05	933626	803591	480	2,22E-06
2,50E-05	857404	810902	12495	7,41E-07
1,25E-05	889712	938274	35283	2,47E-07
6,25E-06	826635	865736	62301	8,23E-08
3,13E-06	890004	877306	117199	2,74E-08
1,56E-06	812840	857948	264259	9,14E-09
7,81E-07	810678	813459	430853	3,05E-09
3,91E-07	878593	865882	500453	1,02E-09
DMSO	877778	866684	885060	DMSO

%Activity

Conc.(M)	ASIMJ-5	ASIMJ-6	Staurosporine	Stauro Conc.(M)
2,00E-04	94,20	77,82	2,00	2,00E-05
1,00E-04	105,10	89,45	0,25	6,67E-06
5,00E-05	106,52	91,68	0,05	2,22E-06
2,50E-05	97,82	92,52	1,43	7,41E-07
1,25E-05	101,51	107,05	4,03	2,47E-07
6,25E-06	94,31	98,77	7,11	8,23E-08
3,13E-06	101,54	100,09	13,37	2,74E-08
1,56E-06	92,74	97,88	30,15	9,14E-09
7,81E-07	92,49	92,81	49,16	3,05E-09
3,91E-07	100,24	98,79	57,10	1,02E-09
DMSO	100,14	98,88	100,98	DMSO

HILLSLOPE  
IC50 (M)

-0,64  
2,04E-09

