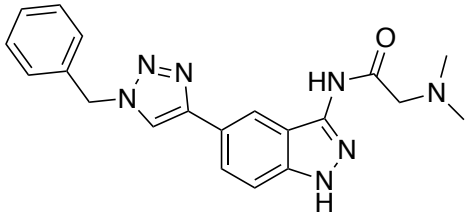
CSNK1G2



AKI00000062a

Chemical Name:
N-(5-(1-benzyl-1*H*-1,2,3-triazol-4-yl)-1*H*-indazol-3-yl)-2-(dimethylamino)acetamide
CHEBI: 14311
Smile String:
O=C(CN(C)C)NC1=NNC2=CC=C(C3=CN(CC4=CC=CC=C4)N=N3)C=C21
Chemical Formula: $C_{20}H_{21}N_7O$
Molecular Weight: 375.44
cLogP: 1.8746
Source: SGC-UNC
Reference:

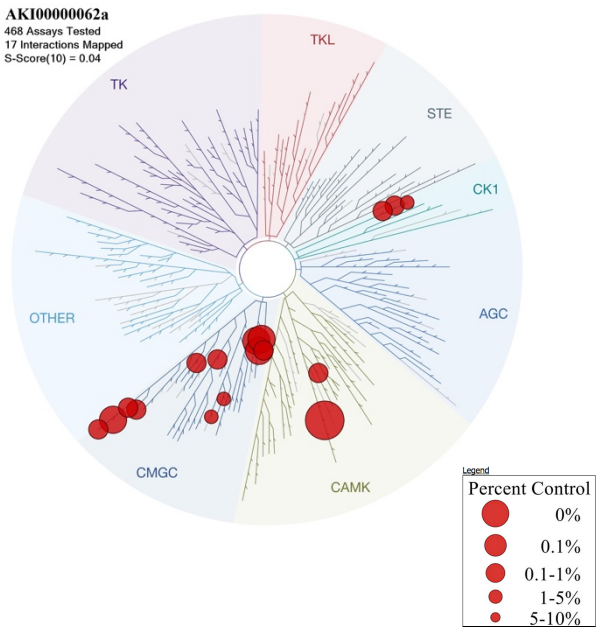
US 20090203690

Biochemical profiling

DiscoverX (403 wild-type human kinases)

S_{10} (1µM): 0.042

(17 kinases < 10% control)



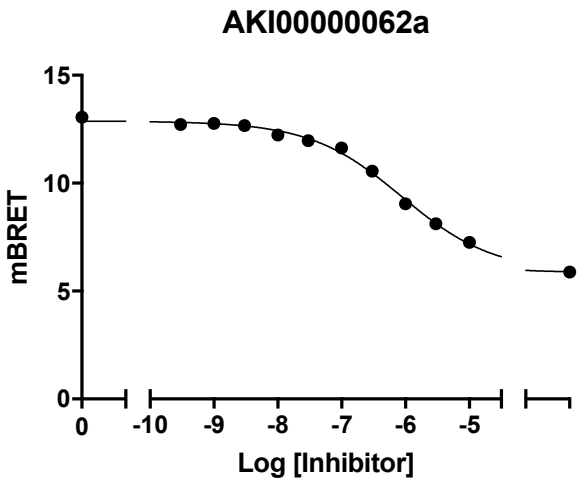
Kinase	% Control @ 1uM
CAMK1B	0
CDKL5	0.2
PCTK1	0.2
GSK3B	0.4
GSK3A	0.9
CSNK1G2	1
CDK7	1.2
PCTK3	1.2
PCTK2	1.4
ICK	1.6
DCAMKL3	1.9
ERK8	2.5
CSNK1G3	3.3
PFTK1	3.5
CSNK1G1	5.2
DYRK1B	6
DYRK2	7.2

a.Treespot of DiscoverX KINOMEscan data.
b. List of kinases inhibited < 10% control

Cellular target engagement in HEK293 cells

NLuc-CSNK1G2 (N term)

CSNK1G2 IC_{50} = 876 nM



Cellular target engagement of AKI00000062a with CSNK1G2