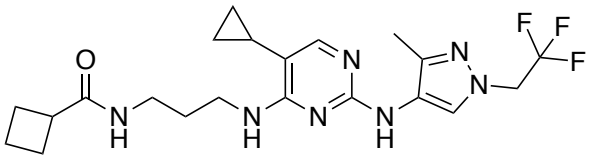
STK17A



AA-CS-1-002

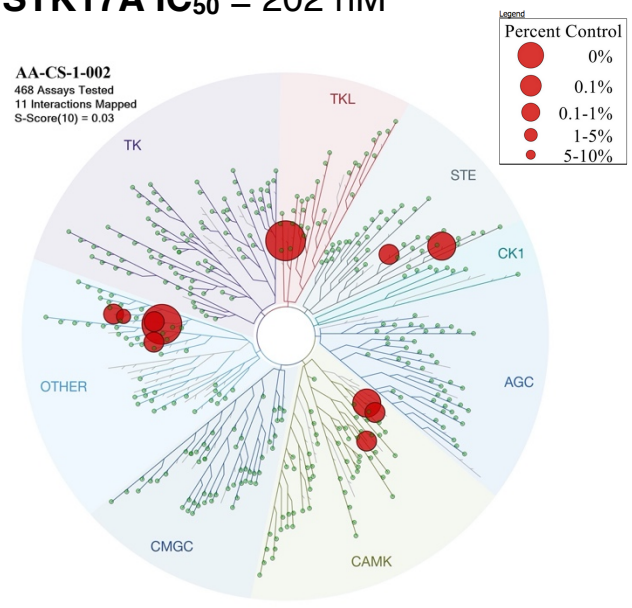
Chemical Name: *N*-(3-((5-cyclopropyl-2-((3-methyl-1-(2,2,2-trifluoroethyl)-1*H*-pyrazol-4-yl)amino)pyrimidin-4-yl)amino)propyl)cyclobutanecarboxamide
CHEBI: 156468
Smile String:
CC1=NN(CC(F)(F)F)C=C1NC=2N=CC(C3CC3)=C(NCCCNC(=O)C4CCC4)N2
Chemical Formula: $C_{21}H_{28}F_3N_7O$
Molecular Weight: 451.50
cLogP: 0.163
Source: SGC-UNC
Reference: N/A

Biochemical profiling

DiscoverX (403 wild-type human kinases)

S_{10} (1 μM) = 0.027 (11 kinases < 10% control)

STK17A IC_{50} = 202 nM

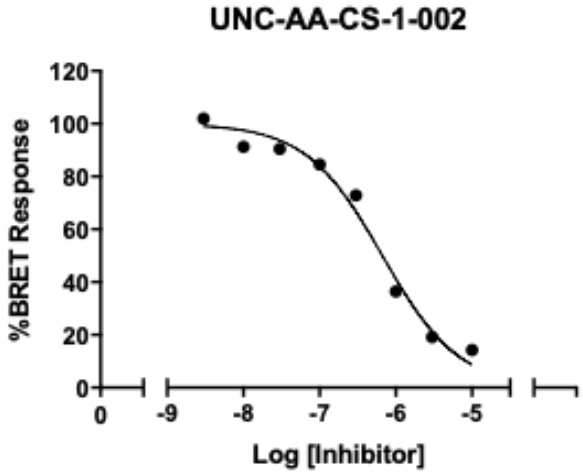


Kinase	%Inh @ 1 μM
IKBKE	0
LRRK2	0
MAP3K19	0.4
STK17A	0.5
ULK2	1.3
MKNK2	1.5
TBK1	1.7
GAK	2.2
MAP2K5	3.6
STK17B	4.7
ULK1	9.5

List of kinases inhibited <10% control at 1 μM

Cellular target engagement in HEK293 cells

STK17A-NLuc (C term)
STK17A IC_{50} = 670 nM



Cellular target engagement of AA-CS-1-002 with STK17A