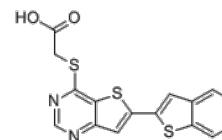


Product Name : SGC-STK17B-1
Cat. No. : PC-38222
CAS No. : 2650530-00-8
Molecular Formula : C₁₆H₁₀N₂O₂S₃
Molecular Weight : 358.448
Target : DAPK
Solubility : 10 mM in DMSO



Biological Activity

SGC-STK17B-1 is a potent, selective, ATP-competitive inhibitor of death-associated protein kinase family member **STK17B (DRAK2)** with IC₅₀ of 34 nM, >100-fold selectivity over STK17A.

SGC-STK17B-1 is also >100-fold selective over all of the other kinases tested, with only STK17A, CAMKK1, and AURKB (IC₅₀s=5-9 μM) in panel of 403 wild type human kinase assays.

SGC-STK17B-1 demonstrated the highest cell potency in the NanoBRET target engagement assay (IC₅₀=190 nM).

SGC-STK17B-1 is the first truly potent and selective chemical probe of STK17B.

References

Alfredo Picado, et al. *J Med Chem.* 2020 Dec 10;63(23):14626-14646.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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