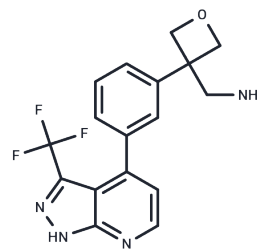


PKC-theta inhibitor 1

Chemical Properties

CAS No. :	1160501-81-4
Formula:	C17H15F3N4O
Molecular Weight:	348.32
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	PKC-theta inhibitor 1 is an inhibitor of PKC θ (Ki of 6 nM)
Targets(IC50)	PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8709 mL	14.3546 mL	28.7092 mL
5 mM	0.5742 mL	2.8709 mL	5.7418 mL
10 mM	0.2871 mL	1.4355 mL	2.8709 mL
50 mM	0.0574 mL	0.2871 mL	0.5742 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Collier PN, et al. Discovery of Selective, Orally Bioavailable Pyrazolopyridine Inhibitors of Protein Kinase C θ (PKC θ) That Ameliorate Symptoms of Experimental Autoimmune Encephalomyelitis. ACS Med Chem Lett. 2019 Jun 27;10 (8):1134-1139.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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