

PKMYT1-IN-8

Chemical Properties

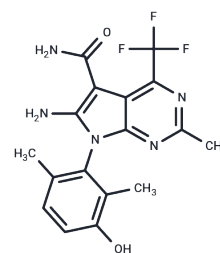
CAS No. :

Formula: C17H16F3N5O2

Molecular Weight: 379.336

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	PKMYT1-IN-8 (Compound 137) is an inhibitor of PKMYT1, with an IC50 value of 9 nM. It also inhibits EPHB3, EPHA1, KIT, EPHB1, EPHA2, EPHA3, and EPHB2, exhibiting IC50 values of 1.79, 3.17, 4.29, 6.32, 6.83, 8.10, and 10.9 μM, respectively. Additionally, PKMYT1-IN-8 suppresses the proliferation of cancer cells OVCAR3 with a GI50 of 2.02 μM.
Targets(IC50)	Ephrin Receptor, Wee1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6362 mL	13.1808 mL	26.3616 mL
5 mM	0.5272 mL	2.6362 mL	5.2723 mL
10 mM	0.2636 mL	1.3181 mL	2.6362 mL
50 mM	0.0527 mL	0.2636 mL	0.5272 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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