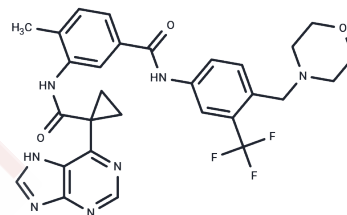


pan-Raf/RTK inhibitor 1

Chemical Properties

CAS No. :	1980821-53-1
Formula:	C ₂₉ H ₂₈ F ₃ N ₇ O ₃
Molecular Weight:	579.573
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	Pan-Raf/RTK inhibitor 1 (compound I-16) is a potent pan-Raf inhibitor with IC ₅₀ values of 3.49 nM (BRafV600E), 8.86 nM (ARaf), 5.78 nM (BRafWT), and 1.65 nM (CRaf). It exhibits antiproliferative activity against various cancer cell lines and can be utilized in cancer research.
Targets(IC ₅₀)	Raf

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7254 mL	8.6271 mL	17.2542 mL
5 mM	0.3451 mL	1.7254 mL	3.4508 mL
10 mM	0.1725 mL	0.8627 mL	1.7254 mL
50 mM	0.0345 mL	0.1725 mL	0.3451 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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