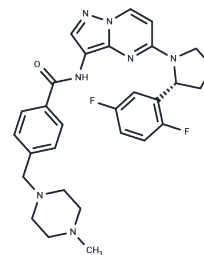


Protein kinase inhibitor 5

Chemical Properties

CAS No. :	2278204-94-5
Formula:	C ₂₉ H ₃₁ F ₂ N ₇ O
Molecular Weight:	531.6
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	Protein kinase inhibitor 5 is a potent inhibitor of TRK-A, with an IC ₅₀ of 1.8 nM, and effectively suppresses cell viability [1].
Targets(IC ₅₀)	Trk receptor
In vitro	Protein kinase inhibitor 5, at concentrations ranging from 0.014 to 10 μM over a 72-hour period, exhibits a GI ₅₀ value of less than 1 nM against TEL-NTRK1-BaF3 cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8811 mL	9.4056 mL	18.8111 mL
5 mM	0.3762 mL	1.8811 mL	3.7622 mL
10 mM	0.1881 mL	0.9406 mL	1.8811 mL
50 mM	0.0376 mL	0.1881 mL	0.3762 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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