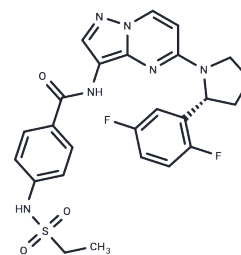


Protein kinase inhibitor 4

Chemical Properties

CAS No. : 2278205-04-0
 Formula: C₂₅H₂₄F₂N₆O₃S
 Molecular Weight: 526.56
 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 4 (Compound 3) is a chemical that acts as a protein kinase inhibitor, specifically targeting TRK-A with an IC ₅₀ of 3.0 nM, and ROS1 with an IC ₅₀ of 104 nM.
Targets(IC ₅₀)	ROS Kinase, Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8991 mL	9.4956 mL	18.9912 mL
5 mM	0.3798 mL	1.8991 mL	3.7982 mL
10 mM	0.1899 mL	0.9496 mL	1.8991 mL
50 mM	0.038 mL	0.1899 mL	0.3798 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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