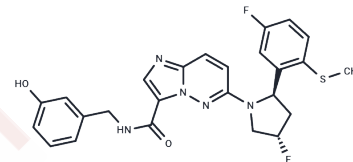


TRK-IN-18

Chemical Properties

CAS No. : 2412008-91-2
 Formula: C₂₅H₂₃F₂N₅O₂S
 Molecular Weight: 495.54
 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	TRK-IN-18 is a potent inhibitor of TRK, a family of receptor tyrosine kinases (Trks) activated by neurotrophic factors, which include nerve growth factor (NGF), brain-derived neurotrophic factor (BDNF), neurotrophic factor-3 (NT-3), and neurotrophic factor-4/5 (NT-4/5). 18 exhibits potential for the study of cancer diseases.
Targets(IC50)	Others,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.018 mL	10.090 mL	20.180 mL
5 mM	0.4036 mL	2.018 mL	4.036 mL
10 mM	0.2018 mL	1.009 mL	2.018 mL
50 mM	0.0404 mL	0.2018 mL	0.4036 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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