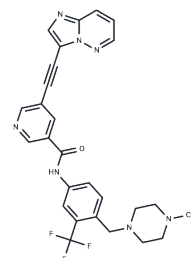


HSN748

Chemical Properties

CAS No. : 2409925-53-5
 Formula: C₂₇H₂₄F₃N₇O
 Molecular Weight: 519.521
 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	HSN748 is an analog of ponatinib and acts as a multi-kinase inhibitor. It exhibits inhibitory activity against kinases such as FLT3, ABL1, RET, PDGFR α/β , MNK1, and MNK2. HSN748 can suppress the growth of chronic myeloid leukemia and acute myeloid leukemia cell lines, making it a useful compound in leukemia research.
Targets(IC50)	FLT,c-RET,MNK,Bcr-Abl,PDGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9249 mL	9.6243 mL	19.2485 mL
5 mM	0.385 mL	1.9249 mL	3.8497 mL
10 mM	0.1925 mL	0.9624 mL	1.9249 mL
50 mM	0.0385 mL	0.1925 mL	0.385 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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