

BI-9787

Chemical Properties

CAS No. :

Formula: C₂₄H₂₉F₂N₅O₂S

Molecular Weight: 489.58

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	BI-9787 is a zwitterionic inhibitor of ketohexokinase (KHK), demonstrating IC ₅₀ values of 12 nM for hKHK-A and 12.8 nM for hKHK-C. It exhibits good metabolic stability in rat hepatocytes and favorable pharmacokinetic properties in vivo in rats.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0426 mL	10.2128 mL	20.4257 mL
5 mM	0.4085 mL	2.0426 mL	4.0851 mL
10 mM	0.2043 mL	1.0213 mL	2.0426 mL
50 mM	0.0409 mL	0.2043 mL	0.4085 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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