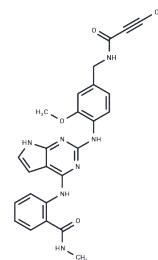


GRK5-IN-4

Chemical Properties

CAS No. : 2410794-89-5
 Formula: C₂₆H₂₅N₇O₃
 Molecular Weight: 483.52
 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	GRK5-IN-4 is a selective, potent, covalent GRK5 (G protein-coupled receptor kinase 5) inhibitor (IC ₅₀ : 1.1 μM). GRK5-IN-4 is 90 times more selective for GRK5 than GRK2. GRK5-IN-4 can be used to study heart failure.
Targets(IC ₅₀)	Others, GRK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0682 mL	10.3408 mL	20.6817 mL
5 mM	0.4136 mL	2.0682 mL	4.1363 mL
10 mM	0.2068 mL	1.0341 mL	2.0682 mL
50 mM	0.0414 mL	0.2068 mL	0.4136 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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