

DT-2

Chemical Properties

CAS No. : 1220985-78-3

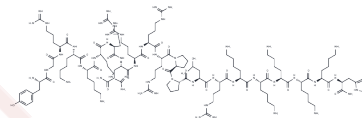
Formula: C₁₂₂H₂₂₃N₅₃O₂₃

Molecular Weight: 2800.42

Keep away from moisture

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

DT-2 serves as a potent, selective inhibitor of cGMP-dependent protein kinase (PKG), with a K_i of 12.5 nM, effectively hindering PKG-catalyzed phosphorylation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3571 mL	1.7854 mL	3.5709 mL
5 mM	0.0714 mL	0.3571 mL	0.7142 mL
10 mM	0.0357 mL	0.1785 mL	0.3571 mL
50 mM	0.0071 mL	0.0357 mL	0.0714 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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