

DPP1-IN-1 hydrate

Chemical Properties

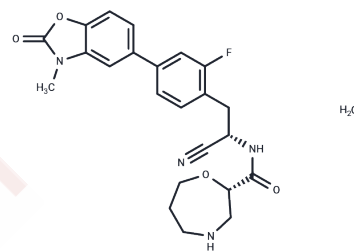
CAS No. : 2971064-13-6

Formula: C₂₃H₂₅FN₄O₅

Molecular Weight: 456.47

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	DPP1-IN-1 hydrate, a DPP1 inhibitor (IC ₅₀ : 1.6 nM), exhibits excellent bioavailability and pharmacokinetic properties, making it suitable for investigating inflammatory diseases [1].
Targets(IC ₅₀)	Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1907 mL	10.9536 mL	21.9072 mL
5 mM	0.4381 mL	2.1907 mL	4.3814 mL
10 mM	0.2191 mL	1.0954 mL	2.1907 mL
50 mM	0.0438 mL	0.2191 mL	0.4381 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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