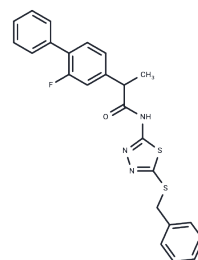


NTPDase-IN-2

Chemical Properties

CAS No. :	2883147-47-3
Formula:	C ₂₄ H ₂₀ FN ₃ O ₂ S ₂
Molecular Weight:	449.56
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	NTPDase-IN-2 (compound 5g) selectively inhibits NTPDase-2 and NTPDase-8 with IC ₅₀ values of 0.04 μM and 2.27 μM, respectively, and exhibits non-competitive inhibition toward h-NTPDase-1 and h-NTPDase-2, with a K _m of 74 μM for h-NTPDase-2. This compound is applicable in researching cancer, immunological disorders, and bacterial infections [1].
Targets(IC ₅₀)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2244 mL	11.122 mL	22.244 mL
5 mM	0.4449 mL	2.2244 mL	4.4488 mL
10 mM	0.2224 mL	1.1122 mL	2.2244 mL
50 mM	0.0445 mL	0.2224 mL	0.4449 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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