

MMP-9-IN-5

Chemical Properties

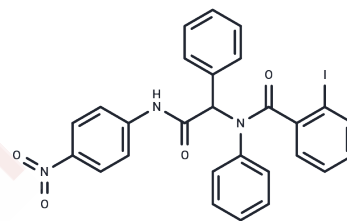
CAS No. : 2581824-80-6

Formula: C₂₇H₂₀IN₃O₄

Molecular Weight: 577.37

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	MMP-9-IN-5 is an MMP-9 inhibitor with an IC ₅₀ value of 4.49 nM and is able to form hydrogen bonds with MMP-9. MMP-9-IN-5 also inhibits AKT activity with an IC ₅₀ value of 1.34 nM. MMP-9-IN-5 exhibits cytotoxicity, induces apoptosis and can be used in cancer research.
Targets(IC ₅₀)	Apoptosis,MMP,Others,Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.732 mL	8.660 mL	17.3199 mL
5 mM	0.3464 mL	1.732 mL	3.464 mL
10 mM	0.1732 mL	0.866 mL	1.732 mL
50 mM	0.0346 mL	0.1732 mL	0.3464 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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