

TP0597850

Chemical Properties

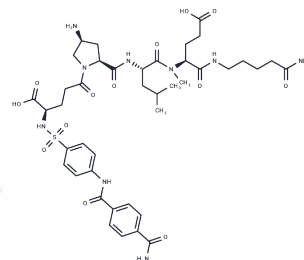
CAS No. : 2642181-22-2

Formula: C41H57N9O13S

Molecular Weight: 916.01

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	TP0597850, a selective MMP2 inhibitor with an IC50 value of 0.22 nM, demonstrates a prolonged dissociation half-life from MMP2 (t1/2 = 265 minutes) [1].
Targets(IC50)	MMP,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0917 mL	5.4585 mL	10.9169 mL
5 mM	0.2183 mL	1.0917 mL	2.1834 mL
10 mM	0.1092 mL	0.5458 mL	1.0917 mL
50 mM	0.0218 mL	0.1092 mL	0.2183 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481