

TP0628103

Chemical Properties

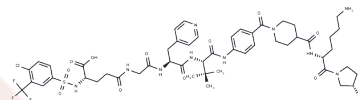
CAS No. : 2865102-08-3

Formula: C₅₁H₆₇ClF₃N₁₁O₁₁S

Molecular Weight: 1134.66

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	TP0628103 (compound 18) acts as a selective MMP-7 inhibitor, exhibiting a potent IC ₅₀ value of 0.17 nM, which is crucial in the contexts of cancer and fibrosis [1].
Targets(IC ₅₀)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8813 mL	4.4066 mL	8.8132 mL
5 mM	0.1763 mL	0.8813 mL	1.7626 mL
10 mM	0.0881 mL	0.4407 mL	0.8813 mL
50 mM	0.0176 mL	0.0881 mL	0.1763 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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