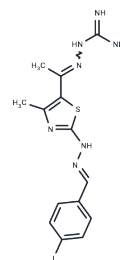


MMP-2/9-IN-1

Chemical Properties

CAS No. : 2415311-84-9
 Formula: C₁₄H₁₆N₇S
 Molecular Weight: 441.29
 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-2/9-IN-1 (Compound 4a) is a potent dual inhibitor of MMP-2 (IC ₅₀ : 56 nM) and MMP-9 (IC ₅₀ : 38 nM), leading to DNA fragmentation.
Targets(IC ₅₀)	MMP,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2661 mL	11.3304 mL	22.6608 mL
5 mM	0.4532 mL	2.2661 mL	4.5322 mL
10 mM	0.2266 mL	1.133 mL	2.2661 mL
50 mM	0.0453 mL	0.2266 mL	0.4532 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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