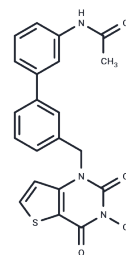


FEN1-IN-5

Chemical Properties

CAS No. : 824983-93-9
 Formula: C₂₁H₁₇N₃O₄S
 Molecular Weight: 407.44
 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	FEN1-IN-5 (compound 12A) is a potent inhibitor of Flap endonuclease-1 (FEN1) with an IC ₅₀ of 12 nM, contributing to DNA repair mechanisms [1].
Targets(IC ₅₀)	FLAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4543 mL	12.2717 mL	24.5435 mL
5 mM	0.4909 mL	2.4543 mL	4.9087 mL
10 mM	0.2454 mL	1.2272 mL	2.4543 mL
50 mM	0.0491 mL	0.2454 mL	0.4909 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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