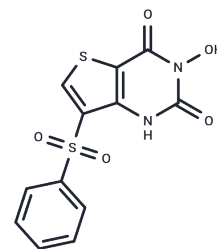


FEN1-IN-6

## Chemical Properties

CAS No. : 824983-84-8  
 Formula: C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>5</sub>S<sub>2</sub>  
 Molecular Weight: 324.33  
 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-6 (compound 9) is a potent Flap endonuclease-1 (FEN1, IC <sub>50</sub> = 10 nM) inhibitor, crucial for DNA damage repair in mammalian cells, and also targets the related endonuclease xeroderma pigmentosum G (XPG) with an IC <sub>50</sub> of 23 nM [1].
Targets(IC <sub>50</sub> )	FLAP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0833 mL	15.4164 mL	30.8328 mL
5 mM	0.6167 mL	3.0833 mL	6.1666 mL
10 mM	0.3083 mL	1.5416 mL	3.0833 mL
50 mM	0.0617 mL	0.3083 mL	0.6167 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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