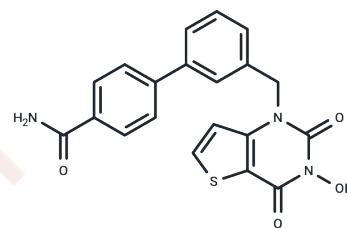


## FEN1-IN-2

## Chemical Properties

CAS No. :	824983-94-0
Formula:	C <sub>20</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	393.42
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	FEN1-IN-2 is a selective and potent inhibitor of flap endonuclease 1 (FEN1), inhibits FEN1 and XPG, has potential anticancer activity, and can be used to study DNA damage repair.
Targets(IC50)	Others,FLAP

## Solubility Information

Solubility	DMSO: 80 mg/mL (203.35 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5418 mL	12.7091 mL	25.4181 mL
5 mM	0.5084 mL	2.5418 mL	5.0836 mL
10 mM	0.2542 mL	1.2709 mL	2.5418 mL
50 mM	0.0508 mL	0.2542 mL	0.5084 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.

## Reference

L Nathan Tumey, et al. The identification and optimization of a N-hydroxy urea series of flap endonuclease 1 inhibitors. *Bioorg Med Chem Lett.* 2005 Jan 17;15(2):277-81.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481