



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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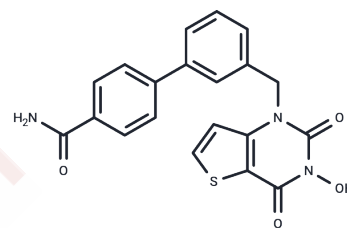
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## 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                                                          |
| Appearance:       | no data available                                               |
| Storage:          | store at low temperature                                        |
|                   | Powder: -20°C for 3 years   In solvent: -80°C for 1 year        |



## 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                                                                                                                                                                             |

## Solubility Information

|            |                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 80 mg/mL (203.35 mM), Sonication is recommended.<br>( $< 1$ 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.

## 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**

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