

## Trimethoprim-PEG3-amine TFA

## Chemical Properties

CAS No. : 2108550-88-3

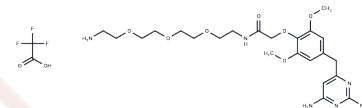
Formula: C<sub>25</sub>H<sub>37</sub>F<sub>3</sub>N<sub>6</sub>O<sub>9</sub>

Molecular Weight: 622.59

Keep away from direct sunlight

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   | Trimethoprim-PEG3-amine TFA is a small molecule probe that binds to protein targets. When azido-modified, Trimethoprim-PEG3-amine TFA serves as a click chemistry reagent, participating in copper-catalyzed azide-alkyne cycloaddition (CuAAC) reactions with alkyne-containing molecules, such as Ethinylestradiol. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.6062 mL | 8.031 mL  | 16.0619 mL |
| 5 mM  | 0.3212 mL | 1.6062 mL | 3.2124 mL  |
| 10 mM | 0.1606 mL | 0.8031 mL | 1.6062 mL  |
| 50 mM | 0.0321 mL | 0.1606 mL | 0.3212 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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Tel: 781-999-4286

E\_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481