

FAM azide, 6-isomer

Chemical Properties

CAS No. : 1386385-76-7

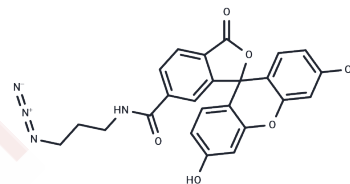
Formula: C₂₄H₁₈N₄O₆

Molecular Weight: 458.42

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 | FAM azide, 6-isomer (6-FAM azide), is a fluorescent dye and a click chemistry reagent characterized by its azide moiety. The azide group enables copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups. Additionally, it can undergo strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules that have DBCO or BCN groups. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.1814 mL | 10.907 mL | 21.8141 mL |
| 5 mM | 0.4363 mL | 2.1814 mL | 4.3628 mL |
| 10 mM | 0.2181 mL | 1.0907 mL | 2.1814 mL |
| 50 mM | 0.0436 mL | 0.2181 mL | 0.4363 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

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