

BP Fluor 488 azide

Chemical Properties

CAS No. : 1006592-63-7

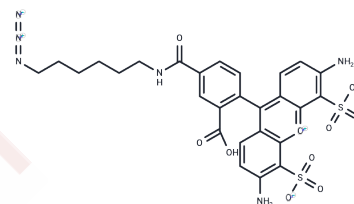
Formula: C₂₇H₂₆N₆O₁₀S₂

Molecular Weight: 658.66

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	BP Fluor 488 Azide is a versatile dye. This dye serves as a crucial tool in biological experiments, aiding researchers in observing and analyzing cellular structures, tracking biomolecules, assessing cellular functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span from basic scientific research to clinical diagnostics. Additionally, dyes like BP Fluor 488 Azide are widely used in traditional areas such as textile dyeing and emerging fields including functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others
In vitro	BP Fluor 488 azide is characterized by its high fluorescence intensity, offering strong signals in imaging and detection applications. It remains stable over a broad pH range and is resistant to photobleaching, maintaining its fluorescence in biological settings and preventing signal loss during extended imaging. BP Fluor 488 azide is frequently employed for conjugation to target molecules, such as antibody labeling, enabling the detection and imaging of specific proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5182 mL	7.5912 mL	15.1823 mL
5 mM	0.3036 mL	1.5182 mL	3.0365 mL
10 mM	0.1518 mL	0.7591 mL	1.5182 mL
50 mM	0.0304 mL	0.1518 mL	0.3036 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