

BP Fluor 488 acid

Chemical Properties

CAS No. : 1027930-57-9

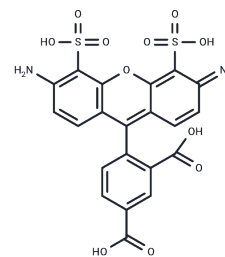
Formula: C₂₁H₁₄N₂O₁₁S₂

Molecular Weight: 534.473

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 acid is a potent labeling dye that reacts with amine groups in antibodies, proteins, peptides, amino-modified oligonucleotides, and other target molecules. The dye has an excitation peak at 499 nm and an emission peak at 520 nm. This conjugate is widely used in microscopy, flow cytometry, and other applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.871 mL	9.3551 mL	18.7101 mL
5 mM	0.3742 mL	1.871 mL	3.742 mL
10 mM	0.1871 mL	0.9355 mL	1.871 mL
50 mM	0.0374 mL	0.1871 mL	0.3742 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