Data Sheet (Cat.No.T206587)

TargetMol

BP Fluor 488 Alkyne

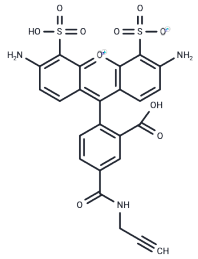
Chemical Properties

CAS No. : 1006592-47-7

Formula: C24H17N3O10S2

Molecular Weight: 571.536

Storage: Keep away from direct sunlight
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 Alkyne is a common labeling dye utilized in click chemistry reactions. It reacts with azide groups found 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 extensively employed in microscopy, flow cytometry, and other applications. BP Fluor 488 is a pure 5-sulfonated rhodamine molecule, which eliminates batch-to-batch variations caused by differing isomer ratios.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7497 mL	8.7483 mL	17.4966 mL
5 mM	0.3499 mL	1.7497 mL	3.4993 mL
10 mM	0.175 mL	0.8748 mL	1.7497 mL
50 mM	0.035 mL	0.175 mL	0.3499 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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