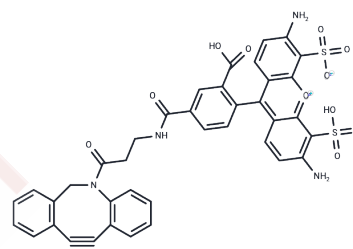


BP Fluor 488 DBCO

Chemical Properties

CAS No. :	2423960-92-1
Formula:	C39H28N4O11S2
Molecular Weight:	792.79
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BP Fluor 488 DBCO is a widely used labeling dye designed for copper-free click chemistry reactions. It reacts with azide groups present in antibodies, proteins, peptides, amino-modified oligonucleotides, and other target molecules. The dye exhibits an excitation peak at 499 nm and an emission peak at 520 nm, making it ideal for applications such as microscopy and flow cytometry. BP Fluor 488 is a pure 5-sulfonated rhodamine molecule, which minimizes batch-to-batch variation caused by isomer ratio differences.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2614 mL	6.3068 mL	12.6137 mL
5 mM	0.2523 mL	1.2614 mL	2.5227 mL
10 mM	0.1261 mL	0.6307 mL	1.2614 mL
50 mM	0.0252 mL	0.1261 mL	0.2523 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

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