

Sulforhodamine-PEG4-DBCO

Chemical Properties

CAS No. :

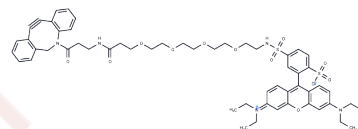
Formula: C₅₆H₆₅N₅O₁₂S₂

Molecular Weight: 1064.27

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	Sulforhodamine-PEG4-DBCO is a PEG derivative comprising a DBCO group and a rhodamine dye. DBCO enables copper-free click chemistry, reacting with azide-containing compounds or biomolecules to form stable triazole linkages. This reagent is an ideal alternative for applications intolerant to copper, suitable for labeling cells, tissues, biomarkers, or nanoparticles.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9396 mL	4.6981 mL	9.3961 mL
5 mM	0.1879 mL	0.9396 mL	1.8792 mL
10 mM	0.094 mL	0.4698 mL	0.9396 mL
50 mM	0.0188 mL	0.094 mL	0.1879 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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