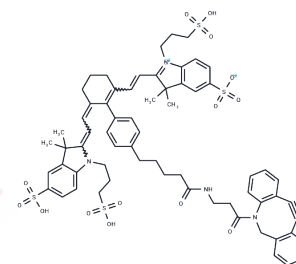


## Tetra-sulfo-Cy7 DBCO

### Chemical Properties

CAS No. :	2714419-16-4
Formula:	C65H70N4O14S4
Molecular Weight:	1259.53
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	Tetra-sulfo-Cy7 DBCO is a bright and photostable near-infrared probe. As a water-soluble hydrophilic dye, Cy7 DBCO is the preferred reagent for applications requiring minimal nonspecific binding and exceptionally high brightness. Its fluorescence remains stable across a pH range of 4 to 10 and exhibits minimal autofluorescence within biological samples in this spectral range. Although the fluorescence of this long-wavelength cyanine dye is not visible to the naked eye, most imaging systems can easily detect it.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7939 mL	3.9697 mL	7.9395 mL
5 mM	0.1588 mL	0.7939 mL	1.5879 mL
10 mM	0.0794 mL	0.397 mL	0.7939 mL
50 mM	0.0159 mL	0.0794 mL	0.1588 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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