Data Sheet (Cat.No.T18969)

TargetMol

DBCO-Cy3

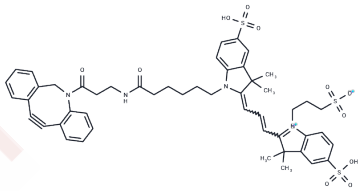
Chemical Properties

CAS No. : 1782950-79-1

Formula: C50H54N4O11S3

Molecular Weight: 983.18

Storage: Keep away from direct sunlight
Store at -20°C
Actual storage temperature shall be subject to the COA.



Biological Description

Description	DBCO-Cy3 (DBCO-Sulfo-Cy3) is a modified cyanine-3 and orange-red fluorescent dye that can undergo SPAAC click chemistry reactions with azide groups. It has an excitation wavelength of 555 nm and an emission wavelength of 580 nm.
Targets(IC50)	Others
In vivo	DBCO-Cy3 is capable of conjugating to antibodies, proteins, and peptides and can be excited using the 532 nm or 555 nm laser lines and visualized using the TRITC filter set.

Solubility Information

Solubility	DMSO: 100 mg/mL (101.71 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0171 mL	5.0855 mL	10.1711 mL
5 mM	0.2034 mL	1.0171 mL	2.0342 mL
10 mM	0.1017 mL	0.5086 mL	1.0171 mL
50 mM	0.0203 mL	0.1017 mL	0.2034 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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