

Cy5-tetrazine

Chemical Properties

CAS No. :

Formula: C₄₁H₄₆ClN₇O

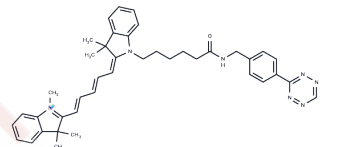
Molecular Weight: 688.303

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	Cy5-tetrazine is a fluorescent dye derived from CY5, incorporating a tetrazine moiety. It is utilized for in vivo imaging and applications with low background interference. As a click chemistry reagent, Cy5-tetrazine contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (iEDDA) with molecules containing a TCO group.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4529 mL	7.2643 mL	14.5285 mL
5 mM	0.2906 mL	1.4529 mL	2.9057 mL
10 mM	0.1453 mL	0.7264 mL	1.4529 mL
50 mM	0.0291 mL	0.1453 mL	0.2906 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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