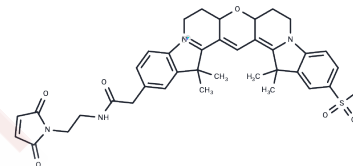


Cy3B maleimide

Chemical Properties

CAS No. :	926905-86-4
Formula:	C37H38N4O7S
Molecular Weight:	682.785
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	Cy3B maleimide is a mono-reactive dye containing a maleimide group, designed to selectively and efficiently attach the Cyanine3 fluorophore (an analog of Cy3) to proteins and peptides with cysteine residues, as well as other thiolated molecules, such as thiol-containing oligonucleotides. Cy3B is an enhanced version of the Cy3 dye, offering significantly improved fluorescence quantum yield and photostability.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4646 mL	7.3229 mL	14.6458 mL
5 mM	0.2929 mL	1.4646 mL	2.9292 mL
10 mM	0.1465 mL	0.7323 mL	1.4646 mL
50 mM	0.0293 mL	0.1465 mL	0.2929 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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