

Cy5-bifunctional dye TEA

Chemical Properties

CAS No. :

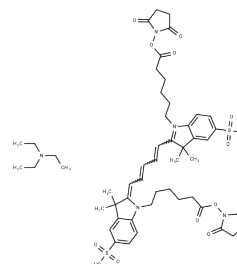
Formula: C₅₁H₆₇N₅O₁₄S₂

Molecular Weight: 1038.23

Storage: Keep away from direct sunlight

Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cy5-bifunctional dye TEA (146368-15-2 free base) is a water-soluble far-infrared cyanine fluorescent dye (Ex/Em=650/670 nm,). It is characterized by high fluorescence intensity, photostability, and biocompatibility. Cy5-bifunctional dye TEA (146368-15-2 free base) can be used for the aqueous-phase labeling of proteins, antibodies, and nucleic acids. Cy5-bifunctional dye TEA (146368-15-2 free base) can also be used for live-cell imaging and in vivo tumor imaging.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 3.34 mg/mL (3.22 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9632 mL	4.8159 mL	9.6318 mL
5 mM	0.1926 mL	0.9632 mL	1.9264 mL
10 mM	0.0963 mL	0.4816 mL	0.9632 mL
50 mM	0.0193 mL	0.0963 mL	0.1926 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481