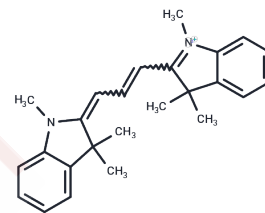


Cy3 dimethyl iodide

Chemical Properties

CAS No. :	25470-94-4
Formula:	C ₂₅ H ₂₉ IN ₂
Molecular Weight:	484.42
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	Cy3 dimethyl iodide, a dye derivative of Cyanine 3 (Cy3), features a dimethyl group in its iodide salt form, enhancing its water solubility for usage in aqueous solutions. Cy3, a near-infrared fluorescent dye, is frequently employed in biolabeling and cell imaging, binding to biomolecules like proteins and antibodies to monitor their location and dynamics in biological samples.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0643 mL	10.3216 mL	20.6432 mL
5 mM	0.4129 mL	2.0643 mL	4.1286 mL
10 mM	0.2064 mL	1.0322 mL	2.0643 mL
50 mM	0.0413 mL	0.2064 mL	0.4129 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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