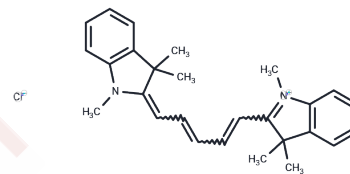


Cy5 dimethyl

Chemical Properties

CAS No. :	54268-70-1
Formula:	C ₂₇ H ₃₁ ClN ₂
Molecular Weight:	419.001
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	Cy5 dimethyl is a non-reactive free dye with limited water solubility. However, it can dissolve in mixtures of water and organic phases (DMF, DMSO, alcohol) to achieve useful concentrations in solution. This molecule is utilized as a non-reactive dye for control samples and instrument calibration.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3866 mL	11.9332 mL	23.8663 mL
5 mM	0.4773 mL	2.3866 mL	4.7733 mL
10 mM	0.2387 mL	1.1933 mL	2.3866 mL
50 mM	0.0477 mL	0.2387 mL	0.4773 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.

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