

5-Dodecanoylaminofluorescein

Chemical Properties

CAS No. : 107827-77-0

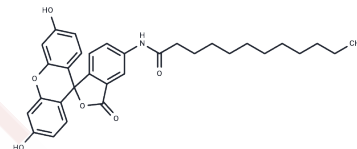
Formula: C₃₂H₃₅NO₆

Molecular Weight: 529.62

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	5-Dodecanoylaminofluorescein, a lipophilic fluorescent probe conjugated with a free fatty acid derived from fluorescein, is used to analyze membrane fluidity and assess the critical micelle concentration of detergents. Additionally, it serves as a precursor in the synthesis of hydrophobic nanospheres suitable for drug delivery [1] [2] [3].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8881 mL	9.4407 mL	18.8815 mL
5 mM	0.3776 mL	1.8881 mL	3.7763 mL
10 mM	0.1888 mL	0.9441 mL	1.8881 mL
50 mM	0.0378 mL	0.1888 mL	0.3776 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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