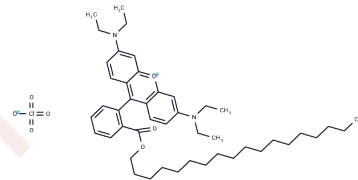


Octadecyl Rhodamine B perchlorate

Chemical Properties

CAS No. :	142179-00-8
Formula:	C ₄₆ H ₆₇ ClN ₂ O ₇
Molecular Weight:	795.49
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	Octadecyl Rhodamine B (perchlorate) serves as a versatile dye with applications spanning both scientific research and various industries. This compound facilitates the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, and differentiation of cell types, all critical in biological experiments. It is instrumental in detecting biomolecules, studying tissue pathology, and monitoring microorganisms. The utility of dyes extends beyond basic research into clinical diagnostics, traditional textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells, highlighting their broad applicability and significance.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2571 mL	6.2854 mL	12.5709 mL
5 mM	0.2514 mL	1.2571 mL	2.5142 mL
10 mM	0.1257 mL	0.6285 mL	1.2571 mL
50 mM	0.0251 mL	0.1257 mL	0.2514 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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