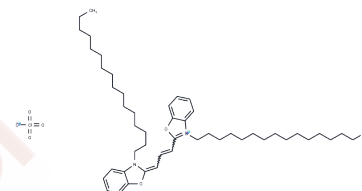


DiOC16(3)

Chemical Properties

CAS No. :	161433-32-5
Formula:	C ₄₉ H ₇₇ ClN ₂ O ₆
Molecular Weight:	825.6
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	DiOC16(3) [3,3'-Dihexadecyloxycarbocyanine] is a lipophilic carbocyanine dye used mainly for optical recordings of membrane voltage and for examining membrane fluidity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2112 mL	6.0562 mL	12.1124 mL
5 mM	0.2422 mL	1.2112 mL	2.4225 mL
10 mM	0.1211 mL	0.6056 mL	1.2112 mL
50 mM	0.0242 mL	0.1211 mL	0.2422 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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