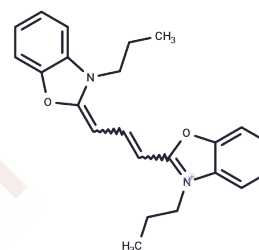


DiOC3(3)

Chemical Properties

CAS No. :	53213-79-9
Formula:	C ₂₃ H ₂₅ IN ₂ O ₂
Molecular Weight:	488.36
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	DiOC3(3) (3,3'-Dipropylloxacarbocyanine iodide) is a green fluorescent lipophilic dye that permeates cell membranes. It is utilized for staining cell membranes and other lipid-soluble biological structures [1] [2].
Targets(IC50)	Others
In vitro	DiOC3(3) is significantly effluxed compared to DiOC5-7(3) in KB85 cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0477 mL	10.2383 mL	20.4767 mL
5 mM	0.4095 mL	2.0477 mL	4.0953 mL
10 mM	0.2048 mL	1.0238 mL	2.0477 mL
50 mM	0.041 mL	0.2048 mL	0.4095 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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