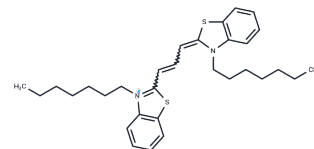


3,3'-Diheptylthiacarbocyanine iodide

Chemical Properties

CAS No. :	53213-88-0
Formula:	C ₃₁ H ₄₁ N ₂ S ₂
Molecular Weight:	632.71
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	3,3'-Diheptylthiacarbocyanine iodide, a cyanine dye used for measuring membrane potential ($\lambda_{ex} = 562 \text{ nm}$, $\lambda_{em} = 575 \text{ nm}$) [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5805 mL	7.9025 mL	15.805 mL
5 mM	0.3161 mL	1.5805 mL	3.161 mL
10 mM	0.1581 mL	0.7903 mL	1.5805 mL
50 mM	0.0316 mL	0.1581 mL	0.3161 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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