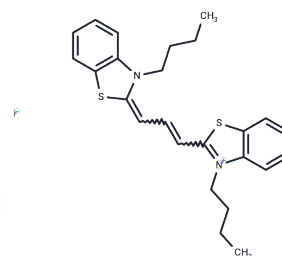


3,3-Dibutylthiacarbocyanine iodide

Chemical Properties

CAS No. :	53213-85-7
Formula:	C ₂₅ H ₂₉ IN ₂ S ₂
Molecular Weight:	548.55
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-Dibutylthiacarbocyanine iodide, a fluorescent dye, exhibits an excitation wavelength of 559 nm and an emission wavelength of 604 nm [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.823 mL	9.1149 mL	18.2299 mL
5 mM	0.3646 mL	1.823 mL	3.646 mL
10 mM	0.1823 mL	0.9115 mL	1.823 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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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