

HITCI

Chemical Properties

CAS No. : 19764-96-6

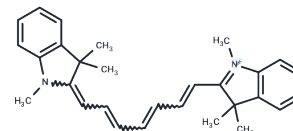
Formula: C₂₉H₃₃IN₂

Molecular Weight: 536.49

Keep away from direct sunlight

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	HITCI, a commercially available cationic indocarbocyanine dye, is typically utilized as a laser dye within the near-infrared (NIR) [1] spectrum.
Targets(IC50)	Others
In vitro	HITCI exhibits alterations in its absorbance and fluorescence properties when it binds to proteins across a broad spectrum of solution pH levels [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.864 mL	9.3198 mL	18.6397 mL
5 mM	0.3728 mL	1.864 mL	3.7279 mL
10 mM	0.1864 mL	0.932 mL	1.864 mL
50 mM	0.0373 mL	0.1864 mL	0.3728 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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