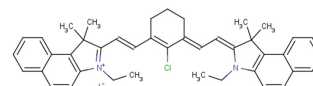


Heptamethine cyanine dye-1

Chemical Properties

CAS No.:	162411-29-2
Formula:	C ₄₂ H ₄₄ ClIN ₂
Molecular Weight:	739.17
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Heptamethine cyanine dye-1, a near-infrared cyanine dye, is used for fluorescence imaging in biological systems.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.353 mL	6.764 mL	13.529 mL
5 mM	0.271 mL	1.353 mL	2.706 mL
10 mM	0.135 mL	0.676 mL	1.353 mL
50 mM	0.027 mL	0.135 mL	0.271 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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

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