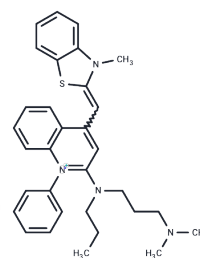


Nucleic Acid Dye Green I

Chemical Properties

CAS No. :	2225748-05-8
Formula:	C ₃₂ H ₃₇ N ₄ S.Cl
Molecular Weight:	545.18
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Nucleic Acid Dye Green I, a cell-impermeable fluorescent dye, is widely utilized for quantifying both dsDNA and ssDNA due to its excitation and emission peaks at 497 nm and 520 nm, respectively. Additionally, it finds applications in gene expression and RT-PCR assays.
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.8343 mL	9.1713 mL	18.3426 mL
5 mM	0.3669 mL	1.8343 mL	3.6685 mL
10 mM	0.1834 mL	0.9171 mL	1.8343 mL
50 mM	0.0367 mL	0.1834 mL	0.3669 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

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