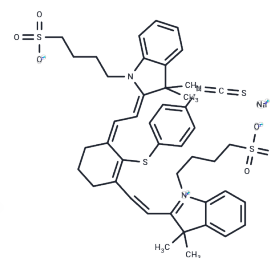


NIR-797-isothiocyanate

Chemical Properties

CAS No. :	152111-91-6
Formula:	C45H50N3NaO6S4
Molecular Weight:	880.14
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	NIR-797-isothiocyanate is a versatile dye employed extensively across various scientific and industrial sectors. As a critical tool in biological experiments, this dye enables the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Its applications extend from fundamental research to a broad spectrum of clinical diagnostics. Additionally, NIR-797-isothiocyanate finds usage in traditional industries like textile dyeing and in innovative areas including functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1362 mL	5.6809 mL	11.3618 mL
5 mM	0.2272 mL	1.1362 mL	2.2724 mL
10 mM	0.1136 mL	0.5681 mL	1.1362 mL
50 mM	0.0227 mL	0.1136 mL	0.2272 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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