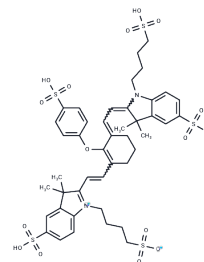


## Nerindocianine

## Chemical Properties

CAS No. :	748120-01-6
Formula:	C44H52N2O16S5
Molecular Weight:	1025.2
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	Nerindocianine is a hydrophilic, fluorescent diagnostic contrast agent that is predominantly metabolized by the kidneys, enabling non-invasive, intraoperative ureteral imaging.
Targets(IC50)	Others
In vivo	Nerindocianine, administered intravenously at a dosage of 0.15 mg/kg, demonstrated satisfactory visualization in female pigs.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9754 mL	4.8771 mL	9.7542 mL
5 mM	0.1951 mL	0.9754 mL	1.9508 mL
10 mM	0.0975 mL	0.4877 mL	0.9754 mL
50 mM	0.0195 mL	0.0975 mL	0.1951 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.

## Reference

Barberio M, et al. Intraoperative ureter identification with a novel fluorescent catheter. Sci Rep. 2021;11(1):4501. Published 2021 Feb 24.

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