

IRDye 680RD, NHS ester

Chemical Properties

CAS No. : 1373919-87-9

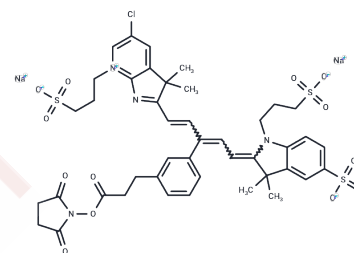
Formula: C₄₃H₄₅ClN₄Na₂O₁₃S₃

Molecular Weight: 1003.46

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	IRDye 680RD, NHS ester, is a near-infrared (NIR) fluorescent dye equipped with an NHS ester reactive group, allowing it to label primary amines.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9966 mL	4.9828 mL	9.9655 mL
5 mM	0.1993 mL	0.9966 mL	1.9931 mL
10 mM	0.0997 mL	0.4983 mL	0.9966 mL
50 mM	0.0199 mL	0.0997 mL	0.1993 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.

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