

IRDye 680RD, Maleimide

Chemical Properties

CAS No. : 1373919-90-4

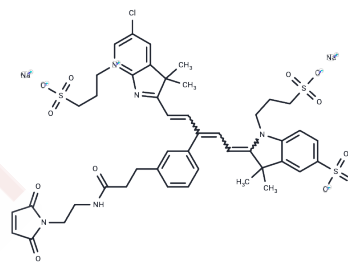
Formula: C₄₅H₄₈ClN₅Na₂O₁₂S₃

Molecular Weight: 1028.52

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, Maleimide is a near-infrared (NIR) fluorescent dye that features a maleimide reactive group designed for thiol-specific conjugation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9723 mL	4.8614 mL	9.7227 mL
5 mM	0.1945 mL	0.9723 mL	1.9445 mL
10 mM	0.0972 mL	0.4861 mL	0.9723 mL
50 mM	0.0194 mL	0.0972 mL	0.1945 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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