

IRDye 800CW, Maleimide

Chemical Properties

CAS No. : 1279564-25-8

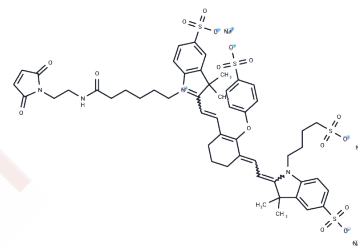
Formula: C₅₂H₅₇N₄Na₃O₁₆S₄

Molecular Weight: 1191.26

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 800CW, Maleimide is a near-infrared (NIR) fluorescent dye that features a maleimide reactive group, enabling it to conjugate via thiol reactivity. It is ideal for use in live cell imaging.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8394 mL	4.1972 mL	8.3945 mL
5 mM	0.1679 mL	0.8394 mL	1.6789 mL
10 mM	0.0839 mL	0.4197 mL	0.8394 mL
50 mM	0.0168 mL	0.0839 mL	0.1679 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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