

BP Light 550 carboxylic acid

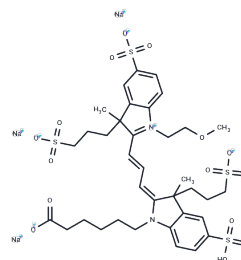
Chemical Properties

CAS No. : 1638197-36-0

Formula: C₃₆H₄₅N₂Na₃O₁₅S₄

Molecular Weight: 942.976

Storage: Keep away from direct sunlight
 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	BP Light 550 carboxylic acid is a vibrant orange to red fluorescent dye that surpasses other rhodamine derivatives, such as BP Fluor 555, TRITC, and Cy3 dyes, especially in fluorescence applications. The high water solubility of BP Light Fluors allows for high dye-to-protein ratios without causing conjugate precipitation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0605 mL	5.3023 mL	10.6047 mL
5 mM	0.2121 mL	1.0605 mL	2.1209 mL
10 mM	0.106 mL	0.5302 mL	1.0605 mL
50 mM	0.0212 mL	0.106 mL	0.2121 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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