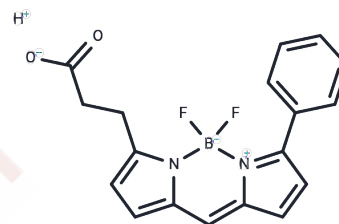


BDP R6G carboxylic acid

Chemical Properties

CAS No. :	174881-57-3
Formula:	C ₁₈ H ₁₅ BF ₂ N ₂ O ₂
Molecular Weight:	340.13
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	BDP R6G carboxylic acid, a borondipyrromethene dye (Excitation: 530 nM; Emission: 548 nM), features a terminal carboxylic acid group that can react with primary amine groups in the presence of activators to form a stable amide bond. This allows for further labeling reactions, such as Steglich esterification [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9401 mL	14.7003 mL	29.4005 mL
5 mM	0.588 mL	2.9401 mL	5.8801 mL
10 mM	0.294 mL	1.470 mL	2.9401 mL
50 mM	0.0588 mL	0.294 mL	0.588 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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