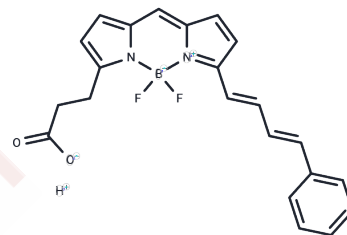


BDP 581/591 carboxylic acid

Chemical Properties

CAS No. :	480999-04-0
Formula:	C ₂₂ H ₁₉ BF ₂ N ₂ O ₂
Molecular Weight:	392.21
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 581/591 carboxylic acid, a highly photostable fluorescent dye (Ex=585 nm, Em=594 nm), possesses a free carboxylic acid group. This group can undergo catalysis by agents (such as EDC or HATU) to form stable amide bonds with primary amines. The compound is also utilized for ROS detection.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5497 mL	12.7483 mL	25.4965 mL
5 mM	0.5099 mL	2.5497 mL	5.0993 mL
10 mM	0.255 mL	1.2748 mL	2.5497 mL
50 mM	0.051 mL	0.255 mL	0.5099 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481