

BDP 581/591 maleimide

Chemical Properties

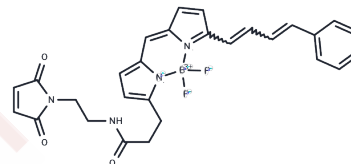
CAS No. : 2183473-29-0

Formula: C₂₈H₂₅BF₂N₄O₃

Molecular Weight: 514.33

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 maleimide, a linker of the BDP 581/591 dye, has a long fluorescence lifetime and is used for fluorescence polarization assays. The maleimide group reacts with thiol groups to form thioester bonds between pH 6.5 and 7.5, enabling the labeling of sulfhydryl groups of proteins and peptides.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9443 mL	9.7214 mL	19.4428 mL
5 mM	0.3889 mL	1.9443 mL	3.8886 mL
10 mM	0.1944 mL	0.9721 mL	1.9443 mL
50 mM	0.0389 mL	0.1944 mL	0.3889 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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