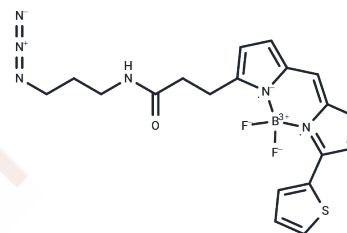


BDP 558/568 azide

Chemical Properties

CAS No. :	3050768-42-5
Formula:	C ₁₉ H ₁₉ BF ₂ N ₆ O ₅
Molecular Weight:	428.27
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BDP 558/568 azide is an azide-modified BDP 558/568 (BDP 558/568: Ex=558 nm, Em=568 nm) suitable for click chemistry labeling. This compound features an azide group that participates in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with alkyne-containing molecules. Additionally, it undergoes strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.335 mL	11.6749 mL	23.3498 mL
5 mM	0.467 mL	2.335 mL	4.670 mL
10 mM	0.2335 mL	1.1675 mL	2.335 mL
50 mM	0.0467 mL	0.2335 mL	0.467 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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