

BP Fluor 350 azide

Chemical Properties

CAS No. : 2644752-84-9

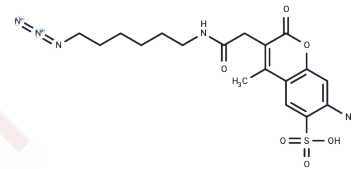
Formula: C₁₈H₂₃N₅O₆S

Molecular Weight: 437.47

Keep away from direct sunlight

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	BP Fluor 350 Azide is a blue fluorescent azide-activated probe that can react with terminal alkynes through a copper-catalyzed click reaction (CuAAC). Additionally, it can undergo a copper-free click reaction with strained cyclooctynes, forming a stable triazole without the need for a copper catalyst or high temperatures. This compound is water-soluble, has moderate photostability, and emits blue fluorescence with an optimal excitation wavelength of 350 nm. It is commonly used in imaging and flow cytometry to produce stable signals. The brightness and photostability of the blue dye are ideal for direct imaging of high-abundance targets.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2859 mL	11.4294 mL	22.8587 mL
5 mM	0.4572 mL	2.2859 mL	4.5717 mL
10 mM	0.2286 mL	1.1429 mL	2.2859 mL
50 mM	0.0457 mL	0.2286 mL	0.4572 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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