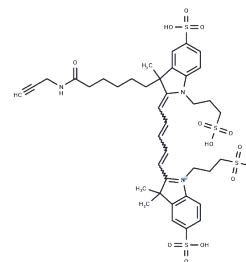


## BP Fluor 647 Alkyne

## Chemical Properties

CAS No. :	2770422-56-3
Formula:	C39H49N3O13S4
Molecular Weight:	896.079
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	BP Fluor 647 Alkyne is a bright green fluorescent dye optimized for use with 633 nm and 650 nm argon lasers. The alkyne group can react with azides through a copper-catalyzed click chemistry reaction. This dye is water-soluble, insensitive to pH ranging from 4 to 10, and contains four sulfonate groups, enhancing its water solubility and reducing aggregation in aqueous solutions. BP Fluor 647 Alkyne is utilized in the labeling of proteins and antibodies or in nucleic acid applications with high labeling density.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.116 mL	5.5799 mL	11.1597 mL
5 mM	0.2232 mL	1.116 mL	2.2319 mL
10 mM	0.1116 mL	0.558 mL	1.116 mL
50 mM	0.0223 mL	0.1116 mL	0.2232 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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