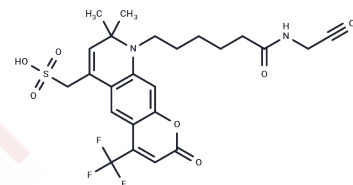


## BP Fluor 430 alkyne

## Chemical Properties

CAS No. :	2006309-79-9
Formula:	C25H27F3N2O6S
Molecular Weight:	540.552
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	BP Fluor 430 alkyne is a green fluorescent alkyne-activated probe typically used for imaging azide biomolecules of medium to high abundance. BP Fluor 430 alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form stable triazole linkages. This bright, photostable green fluorescent probe has an optimal excitation wavelength near 430 nm. The probe is water-soluble, and its fluorescence remains unaffected across a broad pH range.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.850 mL	9.2498 mL	18.4997 mL
5 mM	0.370 mL	1.850 mL	3.6999 mL
10 mM	0.185 mL	0.925 mL	1.850 mL
50 mM	0.037 mL	0.185 mL	0.370 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