

## BP Fluor 430 DBCO

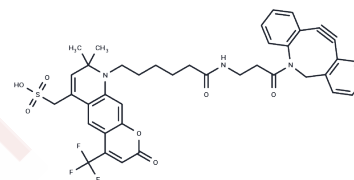
### Chemical Properties

CAS No. : 2644752-85-0

Formula: C40H38F3N3O7S

Molecular Weight: 761.806

Storage: Keep away from direct sunlight  
 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 430 DBCO reacts with azides through a copper-free click chemistry reaction to create a stable triazole, eliminating the need for a Cu catalyst or high temperatures. In applications where copper presence is a concern, BP Fluor 430 DBCO serves as an ideal substitute for copper in fluorescent alkyne requirements. BP Fluor 430 is a bright, photostable green fluorescent probe, optimally excited near its absorption maximum at 432 nm. Its emission peak at 539 nm remains unaffected across a broad pH range. Due to high background interference, BP Fluor DBCO reagents are unsuitable for staining intracellular components of fixed and permeabilized cells.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3127 mL	6.5633 mL	13.1266 mL
5 mM	0.2625 mL	1.3127 mL	2.6253 mL
10 mM	0.1313 mL	0.6563 mL	1.3127 mL
50 mM	0.0263 mL	0.1313 mL	0.2625 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**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

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