

## BP Fluor 405 alkyne triTEA

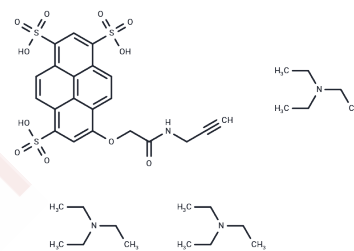
### Chemical Properties

CAS No. : 2006335-63-1

Formula: C<sub>39</sub>H<sub>60</sub>N<sub>4</sub>O<sub>11</sub>S<sub>3</sub>

Molecular Weight: 857.109

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 405 alkyne triTEA is a blue fluorescent dye frequently used in multicolor applications, such as flow cytometry and super-resolution microscopy employing STORM. It is optimally excited by the 407 nm spectral line of a krypton laser or a 408 nm violet laser diode. BP Fluor 405 alkyne triTEA reacts with azides via a copper-catalyzed click reaction (CuAAC) to form stable triazole linkages. For applications sensitive to the presence of copper, copper-free detection probes (BP Fluor 405 DBCO) are also available.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1667 mL	5.8336 mL	11.6671 mL
5 mM	0.2333 mL	1.1667 mL	2.3334 mL
10 mM	0.1167 mL	0.5834 mL	1.1667 mL
50 mM	0.0233 mL	0.1167 mL	0.2333 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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