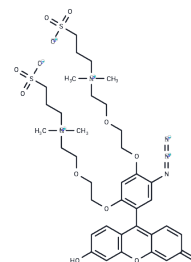


## CalFluor 488 Azide

## Chemical Properties

CAS No. :	1798305-98-2
Formula:	C37H49N5O13S2
Molecular Weight:	835.94
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	CalFluor 488 Azide, a water-soluble fluorogenic azide probe, exhibits fluorescence upon activation through a Cu-catalyzed or metal-free click reaction with alkynes [1] [2].
Targets(IC50)	Others
In vitro	CalFluor 488 azide undergoes a click chemistry reaction with alkyne-tagged molecules, resulting in the formation of a green fluorescent triazole derivative [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1963 mL	5.9813 mL	11.9626 mL
5 mM	0.2393 mL	1.1963 mL	2.3925 mL
10 mM	0.1196 mL	0.5981 mL	1.1963 mL
50 mM	0.0239 mL	0.1196 mL	0.2393 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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