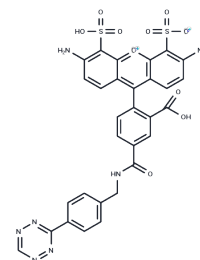


BP Fluor 488 Tetrazine

Chemical Properties

CAS No. :	1466419-80-6
Formula:	C30H21N7O10S2
Molecular Weight:	703.659
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 488 Tetrazine is a bright green fluorescent probe designed for detecting TCO-labeled biopolymers. It demonstrates exceptionally fast cycloaddition kinetics (up to 30,000 M ⁻¹ s ⁻¹) with trans-cyclooctene (TCO) as the dienophile, marking the fastest kinetics in any bioorthogonal reaction to date. This probe is highly valuable for applications requiring rapid reaction kinetics, such as in vivo cancer imaging or pre-targeted cell labeling studies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4211 mL	7.1057 mL	14.2114 mL
5 mM	0.2842 mL	1.4211 mL	2.8423 mL
10 mM	0.1421 mL	0.7106 mL	1.4211 mL
50 mM	0.0284 mL	0.1421 mL	0.2842 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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