

Alkyne MegaStokes dye 608

Chemical Properties

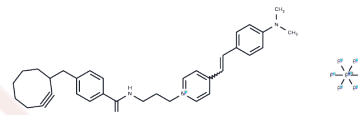
CAS No. : 1188292-56-9

Formula: C34H40F6N3OP

Molecular Weight: 651.67

Storage: 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	Alkyne MegaStokes dye 608 serves as a versatile dye with numerous applications in both traditional and emerging fields. This chemical compound is critical for biological experiments, aiding in the observation and analysis of cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its use extends beyond biological contexts, encompassing textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells. From basic scientific research to a broad spectrum of clinical diagnostics, Alkyne MegaStokes dye 608 plays a pivotal role across various industries.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5345 mL	7.6726 mL	15.3452 mL
5 mM	0.3069 mL	1.5345 mL	3.069 mL
10 mM	0.1535 mL	0.7673 mL	1.5345 mL
50 mM	0.0307 mL	0.1535 mL	0.3069 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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