

Alkyne MegaStokes dye 735

Chemical Properties

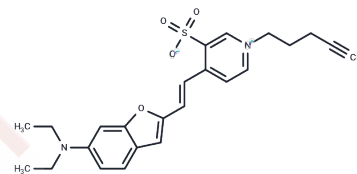
CAS No. : 1246853-79-1

Formula: C₂₄H₂₆N₂O₄S

Molecular Weight: 438.54

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 735 serves as a versatile tool in both traditional and emerging fields. This multifunctional dye is crucial in biological experiments, facilitating the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, investigation of tissue pathology, and monitoring of microorganisms. Its applications extend from basic research to a broad spectrum of clinical diagnostics. Beyond its scientific uses, Alkyne MegaStokes dye 735 is also prevalent in conventional textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2803 mL	11.4015 mL	22.8029 mL
5 mM	0.4561 mL	2.2803 mL	4.5606 mL
10 mM	0.228 mL	1.1401 mL	2.2803 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481