

## Azide MegaStokes dye 673

## Chemical Properties

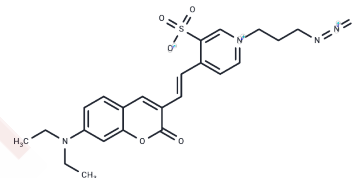
CAS No. : 1246853-81-5

Formula: C<sub>23</sub>H<sub>25</sub>N<sub>5</sub>O<sub>5</sub>S

Molecular Weight: 483.54

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	Azide MegaStokes dye 673 serves as a versatile tool in both traditional and emerging scientific fields. As a multifunctional dye, it facilitates various biological research tasks by enabling 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. Moreover, the applications of dyes extend beyond basic research to include clinical diagnostics, while also playing a crucial role in industries like textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0681 mL	10.3404 mL	20.6808 mL
5 mM	0.4136 mL	2.0681 mL	4.1362 mL
10 mM	0.2068 mL	1.034 mL	2.0681 mL
50 mM	0.0414 mL	0.2068 mL	0.4136 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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