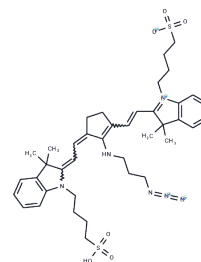


Azide cyanine dye 728

Chemical Properties

CAS No. :	1188332-22-0
Formula:	C40H52N6O6S2
Molecular Weight:	777.01
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 cyanine dye 728 serves as a multifunctional dye, essential in biological experiments for observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes are utilized in traditional areas like textile dyeing and emerging fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.287 mL	6.4349 mL	12.8698 mL
5 mM	0.2574 mL	1.287 mL	2.574 mL
10 mM	0.1287 mL	0.6435 mL	1.287 mL
50 mM	0.0257 mL	0.1287 mL	0.2574 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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