

Cyanine 5 azide

Chemical Properties

CAS No. : 2204261-66-3

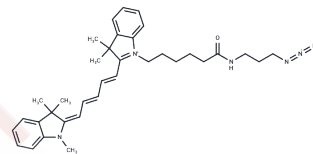
Formula: C₃₅H₄₅ClN₆O

Molecular Weight: 601.22

Keep away from direct sunlight

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	Cyanine 3.5 azide is a functionalized cyanine dye with azide groups. It serves as a click chemistry reagent, engaging in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups. Additionally, it can undergo strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with molecules having DBCO or BCN groups (excitation/emission wavelengths = 633/670 nm).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6633 mL	8.3164 mL	16.6328 mL
5 mM	0.3327 mL	1.6633 mL	3.3266 mL
10 mM	0.1663 mL	0.8316 mL	1.6633 mL
50 mM	0.0333 mL	0.1663 mL	0.3327 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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