

## Cyanine7 alkyne(Cyclohexene)

## Chemical Properties

CAS No. : 1954687-62-7

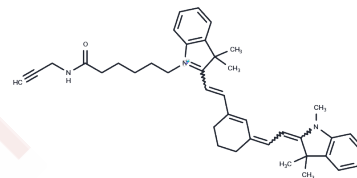
Formula: C<sub>40</sub>H<sub>48</sub>N<sub>3</sub>O

Molecular Weight: 586.83

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	Cyanine7 alkyne (Cyclohexene) is a near-infrared fluorescent dye containing an alkynyl (-C≡C-) functional group. It is suitable for specific binding to biological molecules containing an azide group (-N <sub>3</sub> ) through click chemistry and is commonly used in biolabeling, imaging and analysis.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7041 mL	8.5204 mL	17.0407 mL
5 mM	0.3408 mL	1.7041 mL	3.4081 mL
10 mM	0.1704 mL	0.852 mL	1.7041 mL
50 mM	0.0341 mL	0.1704 mL	0.3408 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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