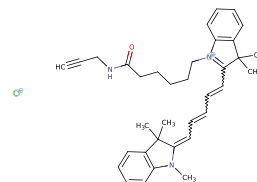


Cyanine5 alkyne

Chemical Properties

CAS No. :	1223357-57-0
Formula:	C ₃₅ H ₄₂ ClN ₃ O
Molecular Weight:	556.18
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cyanine5 alkyne (Alkyne-Cy5), a fluorescent dye, labels azide proteins for analyzing post-translational modifications, such as glycosylation. Additionally, it serves as a mitochondrial OXPHOS inhibitor, curtailing the proliferation of cancer stem cells (CSC) [1] [2]. Store this compound in a location shielded from light.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.798 mL	8.9899 mL	17.9798 mL
5 mM	0.3596 mL	1.798 mL	3.596 mL
10 mM	0.1798 mL	0.899 mL	1.798 mL
50 mM	0.036 mL	0.1798 mL	0.3596 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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