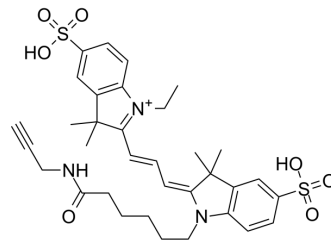


CY3-YNE

Cat. No.:	HY-D0818
CAS No.:	1010386-62-5
Molecular Formula:	C ₃₄ H ₄₂ N ₃ O ₇ S ₂
Molecular Weight:	668.84
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (37.38 mM); ultrasonic and warming and heat to 60°C						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.4951 mL	7.4756 mL	14.9513 mL
				5 mM	0.2990 mL	1.4951 mL	2.9903 mL
				10 mM	0.1495 mL	0.7476 mL	1.4951 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.83 mg/mL (1.24 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	CY3-YNE (Sulfo-Cyanine3-alkyne) is a dye for the labeling of soluble proteins, peptides, and oligonucleotides/DNA. CY3-YNE is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
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Caution: Product has not been fully validated for medical applications. For research use only.

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