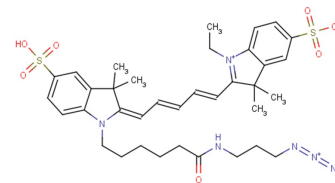


CY5-N3

Chemical Properties

CAS No.: 1621101-43-6
Formula: C₃₆H₄₆N₆O₇S₂
Molecular Weight: 738.92
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	CY5-N3 is a fluorescent dye which can be used to monitor the CuAAC of branched DNA with Cy5-azide by HPLC.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 25 mg/mL (33.83 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.353 mL	6.767 mL	13.533 mL
5 mM	0.271 mL	1.353 mL	2.707 mL
10 mM	0.135 mL	0.677 mL	1.353 mL
50 mM	0.027 mL	0.135 mL	0.271 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Finke A, et al. Designer Extracellular Matrix Based on DNA-Peptide Networks Generated by Polymerase ChainReaction. Angew Chem Int Ed Engl. 2016 Aug 16;55(34):10136-40.

Inhibitors · Natural Compounds · Compound Libraries

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