

## Cy5-N3

## Chemical Properties

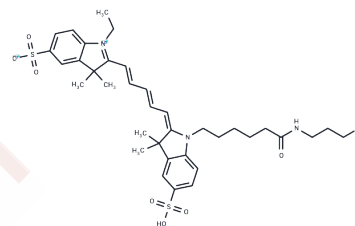
CAS No. : 1621101-43-6

Formula: C<sub>36</sub>H<sub>46</sub>N<sub>6</sub>O<sub>7</sub>S<sub>2</sub>

Molecular Weight: 738.92

Appearance: no data available

Storage: store at low temperature, keep away from direct sunlight, keep away from moisture  
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description CY5-N3 (Sulfo-Cyanine5-azide) is an anthocyanin fluorescent dye with azide groups, utilized for cell imaging, tissue imaging, and in vivo imaging.

## Solubility Information

Solubility DMSO: 20 mg/mL (27.07 mM), Sonication is recommended.  
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3533 mL	6.7666 mL	13.5333 mL
5 mM	0.2707 mL	1.3533 mL	2.7067 mL
10 mM	0.1353 mL	0.6767 mL	1.3533 mL
50 mM	0.0271 mL	0.1353 mL	0.2707 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.

## Reference

Lam YY, et al. Systematic investigation of metabolic oligosaccharide engineering efficiency in intestinal cells using a dibenzocyclooctyne-monosaccharide conjugate. *Chembiochem*. 2023 Mar 16:e202300144.

Su Y, et al. Multiplex imaging and cellular target identification of kinase inhibitors via an affinity-based proteome profiling approach. *Sci Rep*. 2015 Jan 12;5:7724.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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