

CY5-N3

Cat. No.: HY-D0832

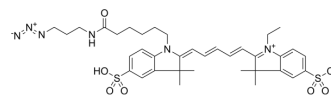
CAS No.: 1621101-43-6

Molecular Formula: C₃₆H₄₆N₆O₇S₂

Molecular Weight: 738.92

Storage: -20°C, protect from light

* The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (33.83 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (3.38 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.38 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CY5-N3 (Sulfo-Cyanine5-azide) is a Cy5-azide, which is a fluorescent dye. CY5-N3 can be used in cell imagine by Click reaction [1][2].

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA