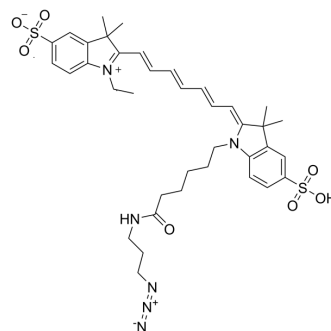


## CY7-N3

Cat. No.:	HY-D1053
Molecular Formula:	C <sub>38</sub> H <sub>47</sub> N <sub>6</sub> O <sub>7</sub> S <sub>2</sub>
Molecular Weight:	763.95
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (130.90 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.3090 mL	6.5449 mL	13.0899 mL
				5 mM	0.2618 mL	1.3090 mL	2.6180 mL
				10 mM	0.1309 mL	0.6545 mL	1.3090 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 (3.27 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.27 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	CY7-N3 (Sulfo-Cyanine7-N3) is a water-soluble NIR dye azide for Click Chemistry.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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