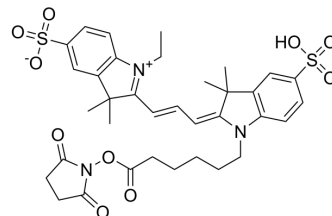


CY3-SE

Cat. No.:	HY-D0823
CAS No.:	146368-16-3
Molecular Formula:	C ₃₅ H ₄₁ N ₃ O ₁₀ S ₂
Molecular Weight:	727.84
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (68.70 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.3739 mL	6.8696 mL	13.7393 mL
	5 mM	0.2748 mL	1.3739 mL	2.7479 mL
	10 mM	0.1374 mL	0.6870 mL	1.3739 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (3.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.43 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Storage: protect from light.

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

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