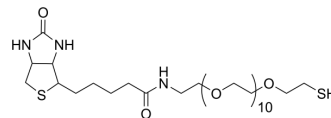


BIOTIN-PEG11-SH

Cat. No.: HY-145445
Molecular Formula: C₃₄H₆₅N₃O₁₃S₂
Molecular Weight: 788.02
Target: Fluorescent Dye
Pathway: Others
Storage: -20°C, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (126.90 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.2690 mL	6.3450 mL	12.6900 mL
	5 mM	0.2538 mL	1.2690 mL	2.5380 mL
	10 mM	0.1269 mL	0.6345 mL	1.2690 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 (3.17 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.17 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.17 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

BIOTIN-PEG11-SH enables biotin labeling of protein.

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

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