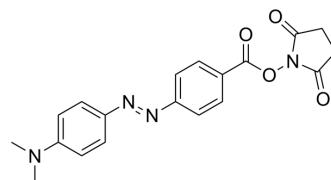


Dabcyl acid, SE

Cat. No.:	HY-D1046
CAS No.:	146998-31-4
Molecular Formula:	C ₁₉ H ₁₈ N ₄ O ₄
Molecular Weight:	366.37
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 5.26 mg/mL (14.36 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.7295 mL	13.6474 mL	27.2948 mL
			5 mM	0.5459 mL	2.7295 mL	5.4590 mL
			10 mM	0.2729 mL	1.3647 mL	2.7295 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: 0.53 mg/mL (1.45 mM); Suspended solution; Need ultrasonic 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 0.53 mg/mL (1.45 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Dabcyl acid, SE is the amino-reactive form of Dabcyl acid (DABCYL), and widely used to prepare a variety of FRET-based probes that contain DABCYL.
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Caution: Product has not been fully validated for medical applications. For research use only.

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