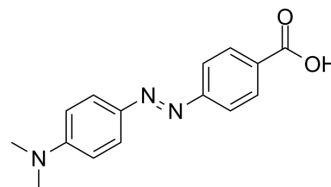


Dabcy acid

Cat. No.:	HY-D1045
CAS No.:	6268-49-1
Molecular Formula:	C ₁₅ H ₁₅ N ₃ O ₂
Molecular Weight:	269.3
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 : 17.86 mg/mL (66.32 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	3.7133 mL	18.5667 mL	37.1333 mL
				5 mM	0.7427 mL	3.7133 mL	7.4267 mL
				10 mM	0.3713 mL	1.8567 mL	3.7133 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: 1.79 mg/mL (6.65 mM); Suspended solution; Need ultrasonic						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 1.79 mg/mL (6.65 mM); Suspended solution; Need ultrasonic						

BIOLOGICAL ACTIVITY

Description	Dabcy acid (Dabcy) is the original dark fluorescence quencher.
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Caution: Product has not been fully validated for medical applications. For research use only.

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