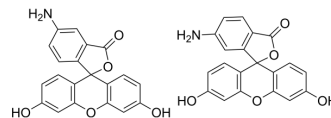


5(6)-Aminofluorescein

Cat. No.:	HY-D0029
CAS No.:	27599-63-9
Molecular Formula:	C ₂₀ H ₁₃ NO ₅
Molecular Weight:	347.32
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 : 16.67 mg/mL (48.00 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	2.8792 mL	14.3959 mL	28.7919 mL
		5 mM	0.5758 mL	2.8792 mL	5.7584 mL
	10 mM	0.2879 mL	1.4396 mL	2.8792 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: ≥ 0.62 mg/mL (1.79 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.62 mg/mL (1.79 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	5(6)-Aminofluorescein (5(6)-AFM) is a precursor for synthesis of 5(6)-FITC (HY-15941). 5(6)-FITC is an amine-reactive derivative of fluorescein dye.
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CUSTOMER VALIDATION

- Carbohyd Polym. 2021, 118064.

See more customer validations on www.MedChemExpress.com

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

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