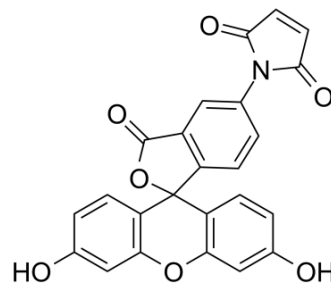


Fluorescein-5-maleimide

Cat. No.:	HY-D0098
CAS No.:	75350-46-8
Molecular Formula:	C ₂₄ H ₁₃ NO ₇
Molecular Weight:	427.36
Target:	Others
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 : 83.33 mg/mL (194.99 mM; Need ultrasonic)					
	H ₂ O : < 0.1 mg/mL (insoluble)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.3399 mL	11.6997 mL	23.3995 mL
			5 mM	0.4680 mL	2.3399 mL	4.6799 mL
10 mM			0.2340 mL	1.1700 mL	2.3399 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: 2.08 mg/mL (4.87 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Fluorescein-5-maleimide is a fluorescent thiol-reactive dye used to conjugate fluorescein to proteins (excitation: 494 nm, emission: 519 nm).
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Caution: Product has not been fully validated for medical applications. For research use only.

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