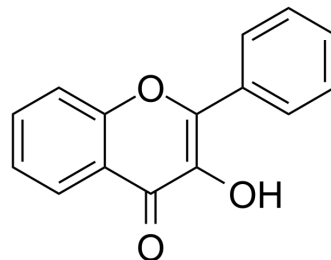


Flavonol

Cat. No.:	HY-107825
CAS No.:	577-85-5
Molecular Formula:	C ₁₅ H ₁₀ O ₃
Molecular Weight:	238.24
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 33.33 mg/mL (139.90 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	4.1974 mL	20.9872 mL	41.9745 mL
			5 mM	0.8395 mL	4.1974 mL	8.3949 mL
			10 mM	0.4197 mL	2.0987 mL	4.1974 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: 2.5 mg/mL (10.49 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (10.49 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.49 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Flavonol is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

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