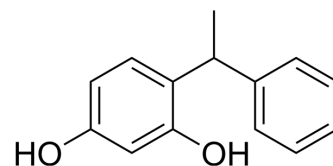


4-(1-Phenylethyl)resorcinol

Cat. No.:	HY-125809
CAS No.:	85-27-8
Molecular Formula:	C ₁₄ H ₁₄ O ₂
Molecular Weight:	214.26
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (466.72 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass		
			1 mg	5 mg	10 mg
		1 mM	4.6672 mL	23.3361 mL	46.6723 mL
		5 mM	0.9334 mL	4.6672 mL	9.3345 mL
		10 mM	0.4667 mL	2.3336 mL	4.6672 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 (11.67 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	4-(1-Phenylethyl)resorcinol is a skin lightening agent used in cosmetics. It works by inhibiting the production of melanin, the pigment that gives skin its color. This helps reduce the appearance of dark spots, hyperpigmentation and uneven skin tone. 4-(1-Phenylethyl)resorcinol is considered safe for cosmetic use and is approved for use in several countries.
In Vitro	Phenylethyl resorcinol is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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