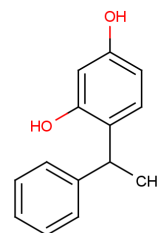


4-(1-Phenylethyl)resorcinol

Chemical Properties

CAS No. :	85-27-8
Formula:	C ₁₄ H ₁₄ O ₂
Molecular Weight:	214.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	4-(1-Phenylethyl)resorcinol (4-(1-Phenylethyl)benzene-1,3-diol) is a skin brightening agent that is a cosmetic additive. It works by inhibiting melanin production, reducing the appearance of dark spots, hyperpigmentation and uneven skin tone, and brightening the skin tone to reduce dullness. 4-(1-Phenylethyl)resorcinol is generally regarded as safe in the cosmetic industry, and is widely used in several countries and regions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0933 mL	0.4667 mL	0.9334 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Dongliang Y, et al. Benzene-1, 3-diol derivatives as the inhibitors of butyrylcholinesterase: An emergent target of Alzheimer's disease. Journal of the Serbian Chemical Society. 2022;87(3): 293-306.

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