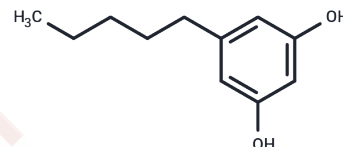


Olivetol

Chemical Properties

CAS No. :	500-66-3
Formula:	C ₁₁ H ₁₆ O ₂
Molecular Weight:	180.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Olivetol (5-n-Amylresorcinol) (5-pentylresorcinol, 5-pentyl-1,3-benzenediol) is an organic compound found in certain species of lichen; it is also a precursor in various syntheses of tetrahydrocannabinol. Olivetol has an antioxidant effect.
Targets(IC50)	Cannabinoid Receptor,Cytochromes P450,IkB/IKK

Solubility Information

Solubility	DMSO: 45 mg/mL (249.67 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5482 mL	27.7408 mL	55.4816 mL
5 mM	1.1096 mL	5.5482 mL	11.0963 mL
10 mM	0.5548 mL	2.7741 mL	5.5482 mL
50 mM	0.111 mL	0.5548 mL	1.1096 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

Sarah K. Oettl, et al. PLoS One. 2013; 8(10): e76929.

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