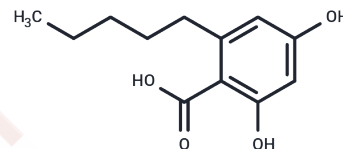


Olivetolic acid

Chemical Properties

CAS No. :	491-72-5
Formula:	C ₁₂ H ₁₆ O ₄
Molecular Weight:	224.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Olivetolic acid (OLA) is a precursor of cannabinoids from Cannabis sativa and has shown anticonvulsant activity in a mouse model of Dravet syndrome. Olivetolic acid has potential antimicrobial activity.
Targets(IC50)	Others, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4593 mL	22.2965 mL	44.5931 mL
5 mM	0.8919 mL	4.4593 mL	8.9186 mL
10 mM	0.4459 mL	2.2297 mL	4.4593 mL
50 mM	0.0892 mL	0.4459 mL	0.8919 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Anderson LL, et al. Olivetolic acid, a cannabinoid precursor in Cannabis sativa, but not CBGA methyl ester exhibits a modest anticonvulsant effect in a mouse model of Dravet syndrome. J Cannabis Res. 2022 Jan 4;4(1):2.

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