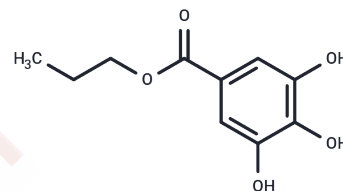


Propyl gallate

Chemical Properties

CAS No. :	121-79-9
Formula:	C ₁₀ H ₁₂ O ₅
Molecular Weight:	212.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Propyl gallate (Gallic acid propyl ester) is an antioxidant used in foods especially animal fats and vegetable oils, also in a wide variety of cosmetics and beauty care products.
Targets(IC50)	Antioxidant

Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 55 mg/mL (259.19 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	4.7125 mL	23.5627 mL	47.1254 mL
5 mM	0.9425 mL	4.7125 mL	9.4251 mL
10 mM	0.4713 mL	2.3563 mL	4.7125 mL
50 mM	0.0943 mL	0.4713 mL	0.9425 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

Jen-Tsung Yang, et al. Journal of Immunology Research. 2017.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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