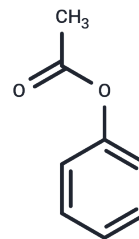


Phenyl acetate

Chemical Properties

CAS No. :	122-79-2
Formula:	C ₈ H ₈ O ₂
Molecular Weight:	136.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Phenyl acetate (Acetic acid phenyl ester) is an aromatic fatty acid metabolite of phenylalanine with potential antineoplastic activity. Naturally occurring in mammals, phenylacetate induces differentiation, growth inhibition, and apoptosis in tumor cells.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 32.5 mg/mL (238.71 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	7.3448 mL	36.7242 mL	73.4484 mL
5 mM	1.469 mL	7.3448 mL	14.6897 mL
10 mM	0.7345 mL	3.6724 mL	7.3448 mL
50 mM	0.1469 mL	0.7345 mL	1.469 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

Zhang H, et al. PLoS One. 2014 May 5;9(5):e96518.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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