

Hydroxyphenyllactic acid

Chemical Properties

CAS No.:	306-23-0
Formula:	C ₉ H ₁₀ O ₄
Molecular Weight:	182.17
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Hydroxyphenyllactic acid is an antifungal metabolite.
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Solubility Information

Solubility	DMSO: 120 mg/mL (658.72 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.489 mL	27.447 mL	54.894 mL
5 mM	1.098 mL	5.489 mL	10.979 mL
10 mM	0.549 mL	2.745 mL	5.489 mL
50 mM	0.11 mL	0.549 mL	1.098 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Mu W, et al. Production of 4-hydroxyphenyllactic acid by Lactobacillus sp. SK007 fermentation. J Biosci Bioeng. 2010 Apr;109(4):369-71.

Inhibitors · Natural Compounds · Compound Libraries

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