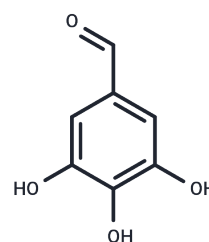


Gallic aldehyde

Chemical Properties

CAS No. :	13677-79-7
Formula:	C ₇ H ₆ O ₄
Molecular Weight:	154.12
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Gallic aldehyde shows potent antiviral activity against HSV-1.
Targets(IC50)	HSV

Solubility Information

Solubility	DMSO: 27.5 mg/mL (178.43 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4885 mL	32.4423 mL	64.8845 mL
5 mM	1.2977 mL	6.4885 mL	12.9769 mL
10 mM	0.6488 mL	3.2442 mL	6.4885 mL
50 mM	0.1298 mL	0.6488 mL	1.2977 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

Kadota S , Xu H X , Wang H , et al. A New Hydrolyzable Tannin from Geum japonicum and Its Antiviral Activity[J]. Heterocycles, 1994, 38(1):167-175.

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