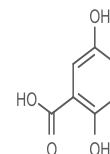


## Gentisic acid

**Chemical Properties**

CAS No.:	490-79-9
Formula:	C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>
Molecular Weight:	154.12
Appearance:	Solid
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Gentisic acid is an active metabolite of salicylic acid degradation with a broad spectrum of biological activity, such as anti-inflammatory, antirheumatic and antioxidant properties.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.488 mL	32.442 mL	64.885 mL
5 mM	1.298 mL	6.488 mL	12.977 mL
10 mM	0.649 mL	3.244 mL	6.488 mL
50 mM	0.130 mL	0.649 mL	1.298 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. Wang L, et al. J Chromatogr B Analyt Technol Biomed Life Sci. 2013 Oct 15;937:91-6.

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