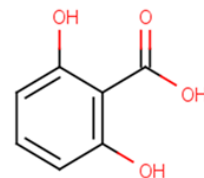


Data Sheet (Cat.No.T5873)

2,6-Dihydroxybenzoic acid

Chemical Properties

CAS No.:	303-07-1
Formula:	C7H6O4
Molecular Weight:	154.12
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	2,6-Dihydroxybenzoic acid is a secondary metabolite of salicylic acid which has been hydrolyzed by liver enzymes during phase I metabolism.
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	DMSO: 30 mg/mL (194.65 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	0.13 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

- Cokgor E U , Insel G , Katipoglu T , et al. Biodegradation kinetics of peptone and 2,6-dihydroxybenzoic acid by acclimated dual microbial culture[J]. Bioresource Technology, 2011, 102(2):567-575.
- Fate of 2,6-dihydroxybenzoic acid and its inhibitory impact on the biodegradation of peptone under aerobic conditions.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481