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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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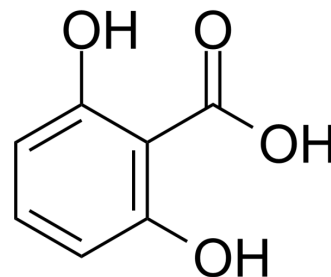
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2,6-Dihydroxybenzoic acid

Cat. No.:	HY-Y0801		
CAS No.:	303-07-1		
Molecular Formula:	C ₇ H ₆ O ₄		
Molecular Weight:	154.12		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (648.85 mM; Need ultrasonic)
 H₂O : 16.67 mg/mL (108.16 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mM	6.4885 mL	32.4423 mL
5 mM	1.2977 mL	6.4885 mL	12.9769 mL		
10 mM	0.6488 mL	3.2442 mL	6.4885 mL		

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: PBS
Solubility: 16.25 mg/mL (105.44 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (16.22 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.22 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.22 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2,6-Dihydroxybenzoic acid is a secondary metabolite of salicylic acid which has been hydrolyzed by liver enzymes during phase I metabolism.

Caution: Product has not been fully validated for medical applications. For research use only.

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