



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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

SZABO-SCANDIC HandelsgmbH

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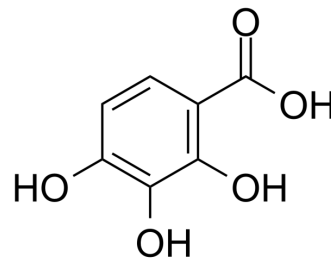
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2,3,4-Trihydroxybenzoic acid

Cat. No.:	HY-W016993
CAS No.:	610-02-6
Molecular Formula:	C ₇ H ₆ O ₅
Molecular Weight:	170.12
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (293.91 mM; Need ultrasonic)																								
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td></td> <td>5.8782 mL</td> <td>29.3910 mL</td> <td>58.7820 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>1.1756 mL</td> <td>5.8782 mL</td> <td>11.7564 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>0.5878 mL</td> <td>2.9391 mL</td> <td>5.8782 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM		5.8782 mL	29.3910 mL	58.7820 mL	5 mM		1.1756 mL	5.8782 mL	11.7564 mL	10 mM		0.5878 mL	2.9391 mL	5.8782 mL			
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Please refer to the solubility information to select the appropriate solvent.																									
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (14.70 mM); Clear solution																								
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.70 mM); Clear solution																								
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.70 mM); Clear solution																								

BIOLOGICAL ACTIVITY

Description	2,3,4-Trihydroxybenzoic acid is an internal standard in separation of phenolic acids by HPLC.
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Caution: Product has not been fully validated for medical applications. For research use only.

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