



# SZABO SCANDIC

Part of Europa Biosite

## 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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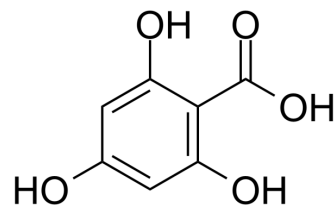
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## 2,4,6-Trihydroxybenzoic acid

<b>Cat. No.:</b>	HY-W077292		
<b>CAS No.:</b>	83-30-7		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>6</sub> O <sub>5</sub>		
<b>Molecular Weight:</b>	170.12		
<b>Target:</b>	CDK		
<b>Pathway:</b>	Cell Cycle/DNA Damage		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (587.82 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

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

#### In Vivo

- 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
- 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
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (14.70 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

2,4,6-Trihydroxybenzoic acid, the flavonoid metabolite, is a CDK inhibitor. 2,4,6-Trihydroxybenzoic acid can be used for the research of cancer<sup>[1]</sup>.

### REFERENCES

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[1]. Sankaranarayanan R, et, al. The Flavonoid Metabolite 2,4,6-Trihydroxybenzoic Acid Is a CDK Inhibitor and an Anti-Proliferative Agent: A Potential Role in Cancer Prevention. *Cancers (Basel)*. 2019 Mar 26;11(3):427.

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

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