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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

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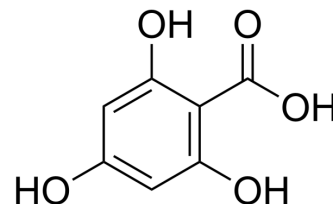
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2,4,6-Trihydroxybenzoic acid

Cat. No.:	HY-W077292
CAS No.:	83-30-7
Molecular Formula:	C ₇ H ₆ O ₅
Molecular Weight:	170.12
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	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)					
	Preparing Stock Solutions	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
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	2,4,6-Trihydroxybenzoic acid, the flavonoid metabolite, is a CDK inhibitor. 2,4,6-Trihydroxybenzoic acid can be used for the research of cancer ^[1] .
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REFERENCES

[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.

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

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