

## 2,4,6-Trihydroxybenzoic acid

## Chemical Properties

CAS No. :	83-30-7
Formula:	C7H6O5
Molecular Weight:	170.12
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	2,4,6-Trihydroxybenzoic acid, a flavonoid metabolite, acts as a CDK inhibitor and can be used in cancer research.
Targets(IC50)	CDK

## Solubility Information

Solubility	DMSO: 80.00 mg/mL (470.26 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8782 mL	29.391 mL	58.782 mL
5 mM	1.1756 mL	5.8782 mL	11.7564 mL
10 mM	0.5878 mL	2.9391 mL	5.8782 mL
50 mM	0.1176 mL	0.5878 mL	1.1756 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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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