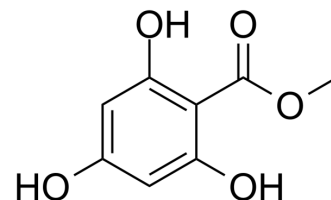


Methyl 2,4,6-trihydroxybenzoate

Cat. No.:	HY-W144096
CAS No.:	3147-39-5
Molecular Formula:	C ₈ H ₆ O ₅
Molecular Weight:	184.15
Target:	Others
Pathway:	Others
Storage:	<div> Powder -20°C 3 years </div> <div> 4°C 2 years </div> <div> In solvent -80°C 6 months </div> <div> -20°C 1 month </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (543.04 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	<div>Mass</div>	1 mg	5 mg	10 mg
		1 mM		5.4304 mL	27.1518 mL	54.3036 mL
		5 mM		1.0861 mL	5.4304 mL	10.8607 mL
		10 mM		0.5430 mL	2.7152 mL	5.4304 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 (13.58 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.58 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.58 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Methyl 2,4,6-trihydroxybenzoate is a metabolite of 2,4,6-trihydroxybenzoate and exhibits properties as an antioxidant, lipid lowering and anticancer activities ^[1] .
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REFERENCES

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

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