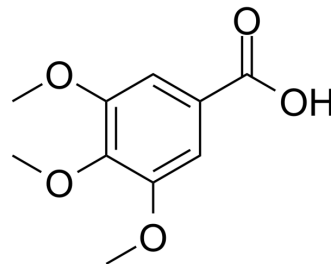


3,4,5-Trimethoxybenzoic acid

Cat. No.:	HY-Y0084		
CAS No.:	118-41-2		
Molecular Formula:	C ₁₀ H ₁₂ O ₅		
Molecular Weight:	212.2		
Target:	Others		
Pathway:	Others		
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 (471.25 mM; Need ultrasonic)
 H₂O : 1 mg/mL (4.71 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		4.7125 mL	23.5627 mL	47.1254 mL
	5 mM		0.9425 mL	4.7125 mL	9.4251 mL
	10 mM		0.4713 mL	2.3563 mL	4.7125 mL

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

In Vivo

- Add each solvent one by one: PBS
Solubility: 5 mg/mL (23.56 mM); Clear solution; Need ultrasonic and warming and heat to 60°C
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3,4,5-Trimethoxybenzoic acid (Eudesmic acid; Trimethylgallic Acid) is a benzoic acid derivative. A building block in medicine and organic synthesis.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA