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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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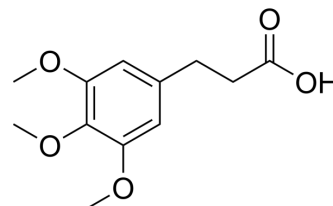
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3-(3,4,5-Trimethoxyphenyl)propanoic acid

Cat. No.:	HY-W022390
CAS No.:	25173-72-2
Molecular Formula:	C ₁₂ H ₁₆ O ₅
Molecular Weight:	240.25
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (104.06 mM; ultrasonic and warming and heat to 60°C)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	4.1623 mL	20.8117 mL	41.6233 mL
		5 mM	0.8325 mL	4.1623 mL	8.3247 mL
		10 mM	0.4162 mL	2.0812 mL	4.1623 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: ≥ 1.43 mg/mL (5.95 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.43 mg/mL (5.95 mM); Suspended solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.43 mg/mL (5.95 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	3-(3,4,5-Trimethoxyphenyl)propanoic acid is found in herbs and spices. 3-(3,4,5-Trimethoxyphenyl)propanoic acid is a constituent of Piper longum (long pepper) and Piper retrofractum (Javanese long pepper).
IC ₅₀ & Target	Human Endogenous Metabolite

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

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