



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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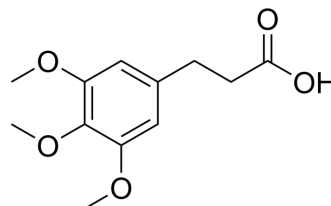
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## 3-(3,4,5-Trimethoxyphenyl)propanoic acid

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



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 25 mg/mL (104.06 mM; ultrasonic and warming and heat to 60°C)					
	<b>Preparing Stock Solutions</b>	<b>Solvent Concentration</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>		4.1623 mL	20.8117 mL	41.6233 mL
		<b>5 mM</b>		0.8325 mL	4.1623 mL	8.3247 mL
		<b>10 mM</b>		0.4162 mL	2.0812 mL	4.1623 mL
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 1.43 mg/mL (5.95 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.43 mg/mL (5.95 mM); Suspended solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 1.43 mg/mL (5.95 mM); Clear solution</li> </ol>					

### BIOLOGICAL ACTIVITY

<b>Description</b>	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).
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite

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

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