



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

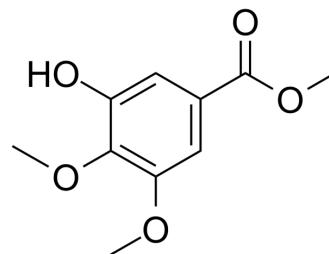
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Methyl 3-hydroxy-4,5-dimethoxybenzoate

Cat. No.:	HY-N3287
CAS No.:	83011-43-2
Molecular Formula:	C ₁₀ H ₁₂ O ₅
Molecular Weight:	212.2
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (471.25 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	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	1. 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				
	2. 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				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Methyl 3-hydroxy-4,5-dimethoxybenzoate is a gallic acid derivant isolated from myricaria Laxiflora. Methyl 3-hydroxy-4,5-dimethoxybenzoate shows obvious antimicrobial activities. Methyl 3-hydroxy-4,5-dimethoxybenzoate shows fairly active for oxidation resistance in the presence of H ₂ O ₂ ^[1] .
-------------	--

REFERENCES

[1]. Wei Tian, et al. Identification of gallicin from Myricaria laxiflora and its antibiotic & antioxidant activity.

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