



SZABO SCANDIC

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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

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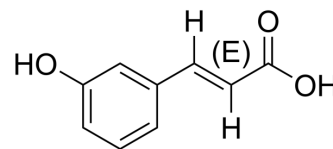
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(E)-m-Coumaric acid

Cat. No.:	HY-N7127
CAS No.:	14755-02-3
Molecular Formula:	C ₉ H ₈ O ₃
Molecular Weight:	164.16
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
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 (609.16 mM; Need ultrasonic)			
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg
				5 mg
				10 mg
				10 mg
	1 mM	6.0916 mL	30.4581 mL	60.9162 mL
	5 mM	1.2183 mL	6.0916 mL	12.1832 mL
	10 mM	0.6092 mL	3.0458 mL	6.0916 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 (15.23 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (15.23 mM); Clear solution			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (15.23 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	(E)-m-Coumaric acid (3-Hydroxycinnamic acid) is an aromatic acid that highly abundant in food. (E)-m-Coumaric acid (3-Hydroxycinnamic acid) is an antioxidant.	
IC ₅₀ & Target	Microbial Metabolite	Human Endogenous Metabolite

REFERENCES

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

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