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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

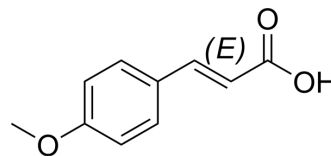
mail@szabo-scandic.com

www.szabo-scandic.com

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

(E)-3-(4-Methoxyphenyl)acrylic acid

Cat. No.:	HY-W068771		
CAS No.:	943-89-5		
Molecular Formula:	C ₁₀ H ₁₀ O ₃		
Molecular Weight:	178.18		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 (561.23 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.6123 mL	28.0615 mL	56.1230 mL
		5 mM	1.1225 mL	5.6123 mL	11.2246 mL
10 mM		0.5612 mL	2.8062 mL	5.6123 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (14.03 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.03 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.03 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	(E)-3-(4-Methoxyphenyl)acrylic acid (compound 3) is isolated from <i>Arachis hypogaea</i> , <i>Scrophularia buergeriana</i> Miquel, <i>Aquilegia vulgaris</i> , <i>Anigozanthos preissii</i> and so on. (E)-3-(4-Methoxyphenyl)acrylic acid shows significant hepatoprotective activity, anti-amnesic, cognition-enhancing activity, antihyperglycemic, and neuroprotective activities ^[1] .
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REFERENCES

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