



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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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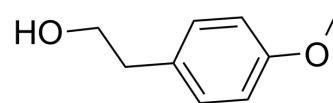
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4-Methoxyphenethyl alcohol

Cat. No.:	HY-W004056	
CAS No.:	702-23-8	
Molecular Formula:	C ₉ H ₁₂ O ₂	
Molecular Weight:	152.19	
Target:	DNA/RNA Synthesis; Bacterial	
Pathway:	Cell Cycle/DNA Damage; Anti-infection	
Storage:	Pure form	-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 (657.07 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.5707 mL	32.8537 mL	65.7073 mL
	5 mM	1.3141 mL	6.5707 mL	13.1415 mL
	10 mM	0.6571 mL	3.2854 mL	6.5707 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (16.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.43 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

4-Methoxyphenethyl alcohol, an aromatic alcohol, is the major component in the anise-like odour produced by *Amorphophallus*. 4-Methoxyphenethyl alcohol can inhibit the protein, RNA and DNA synthesis in *Escherichia coli*^[1].

REFERENCES

- [1]. Kite GC, et al. Inflorescence odours of *Amorphophallus* and *Pseudodracontium* (Araceae). *Phytochemistry*. 1997 Sep; 46(1): 71-75.

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

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