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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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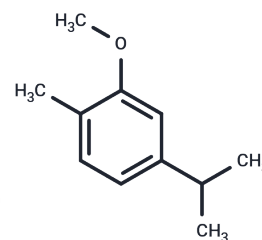
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Carvacrol methyl ether

Chemical Properties

CAS No. :	6379-73-3
Formula:	C ₁₁ H ₁₆ O
Molecular Weight:	164.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Carvacrol methyl ether is derived from plant volatile oil and exhibits antibacterial activity.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 100 mg/mL (608.9 mM) Ethanol: 100 mg/mL (608.9 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0887 mL	30.4433 mL	60.8865 mL
5 mM	1.2177 mL	6.0887 mL	12.1773 mL
10 mM	0.6089 mL	3.0443 mL	6.0887 mL
50 mM	0.1218 mL	0.6089 mL	1.2177 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Ultee A, et, al. The phenolic hydroxyl group of carvacrol is essential for action against the food-borne pathogen *Bacillus cereus*. *Appl Environ Microbiol*. 2002 Apr;68(4):1561-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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