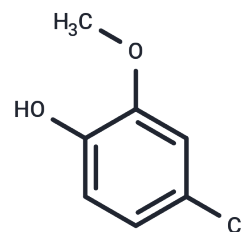


4-Chloroguaiacol

Chemical Properties

CAS No. :	16766-30-6
Formula:	C7H7ClO2
Molecular Weight:	158.58
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Chloroguaiaco (4-Chloro-2-methoxyphenol), a derivative of phenol, exhibits antimicrobial efficacy with minimum inhibitory concentrations (MICs) of 110 µg/mL against both Staphylococcus aureus and Escherichia coli [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.306 mL	31.5298 mL	63.0597 mL
5 mM	1.2612 mL	6.306 mL	12.6119 mL
10 mM	0.6306 mL	3.153 mL	6.306 mL
50 mM	0.1261 mL	0.6306 mL	1.2612 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Patrícia Fontes Pinheiro, et al. Semisynthetic Phenol Derivatives Obtained from Natural Phenols: Antimicrobial Activity and Molecular Properties. J Agric Food Chem. 2018 Jan 10;66(1):323-330.

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