
Product Data Sheet

Product Name: 4-Chloroguaiacol

Cat. No.: GC62353

Chemical Properties

Cas. No. 16766-30-6

Formula C₇H₇ClO₂

M.Wt 158.58

Solubility DMSO : 100 mg/mL (630.60 mM; Need ultrasonic)

Storage 4°C, stored under nitrogen

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

4-Chloroguaiaco (4-Chloro-2-methoxyphenol) is a phenol derivative, with antimicrobial activity. 4-Chloroguaiaco shows inhibition against *S. aureus* and *E. coli* with MICs of both 110 µg/mL[1].

[1]. 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.

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

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