
Product Data Sheet

Product Name: 2-Methoxybenzaldehyde

Cat. No.: GC61899

Chemical Properties

Cas. No. 135-02-4

SMILES O=CC1=CC=CC=C1OCFormula C8H8O2

M.Wt 136.15

Solubility DMSO : 100 mg/mL (734.48 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**

2-Methoxybenzaldehyde (o-Anisaldehyde), isolated from cinnamon essential oil (CEO), exists antibacterial and antifungal activity[1].

References:

- [1]. Zhaoxiang Huang, et al. Synergistic effects of cinnamaldehyde and cinnamic acid in cinnamon essential oil against *S. pullorum*. Industrial Crops and Products, 2021-02-03.
- [2]. Sheikh Shreaz, et al. Interesting anticandidal effects of anisic aldehydes on growth and proton-pumping-ATPase-targeted activity. Microb Pathog. 2011 Oct;51(4):277-84.

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

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