# Data Sheet (Cat.No.T35704)



## 2-Methoxybenzaldehyde

## **Chemical Properties**

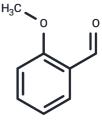
CAS No.: 135-02-4

Formula: C8H8O2

Molecular Weight: 136.15

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

	2-Methoxybenzaldehyde (o-Anisaldehyde) (o-Anisaldehyde), obtained from cinnamon essential oil (CEO), exhibits antibacterial and antifungal properties [1].
Targets(IC50)	Antibacterial, Antifungal

### **Solubility Information**

Solubility	DMSO: 6.88 mg/mL (50.5 mM),Sonication is recommended.
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3448 mL	36.7242 mL	73.4484 mL
5 mM	1.469 mL	7.3448 mL	14.6897 mL
10 mM	0.7345 mL	3.6724 mL	7.3448 mL
50 mM	0.1469 mL	0.7345 mL	1.469 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

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.

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Page 1 of 1 www.targetmol.com