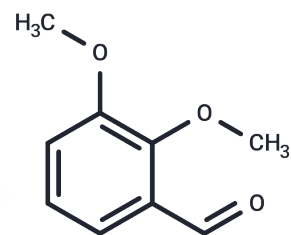


2,3-Dimethoxybenzaldehyde

Chemical Properties

CAS No. :	86-51-1
Formula:	C ₉ H ₁₀ O ₃
Molecular Weight:	166.17
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2,3-Dimethoxybenzaldehyde (5,6-Dimethoxybenzaldehyde) is a benzoic acid analog, with high Antifungal activity (MIC=2.5 mM). 2,3-Dimethoxybenzaldehyde could be used for the synthesis of berberine.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 55 mg/mL (330.99 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0179 mL	30.0897 mL	60.1793 mL
5 mM	1.2036 mL	6.0179 mL	12.0359 mL
10 mM	0.6018 mL	3.009 mL	6.0179 mL
50 mM	0.1204 mL	0.6018 mL	1.2036 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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