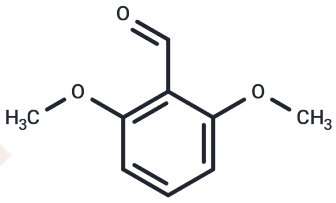
Data Sheet (Cat.No.TYD-00101)

TargetMol

2,6-Dimethoxybenzaldehyde

Chemical Properties



CAS No. : 3392-97-0

Formula: C9H10O3

Molecular Weight: 166.17

Storage: Store under nitrogen
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	2,6-Dimethoxybenzaldehyde inhibits the survival of J-774 cells and Mycobacterium tuberculosis and can be used in the study of tuberculosis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (481.43 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

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.

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

Neville, G. A. (1972). Characterization of di- and trimethoxybenzaldehydes by analysis of deshielding gradients obtained with Eu(fod)3 shift reagent. Organic Magnetic Resonance, 4(5), 633-649.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481