

Product Data Sheet

Product Name: 3,5-Dihydroxybenzaldehyde

Cat. No.: GC46577

Chemical Properties

Cas. No. 26153-38-8

SMILES OC1=CC(C=O)=CC(O)=C1

Formula $C_7H_6O_3$

M.Wt 138.1

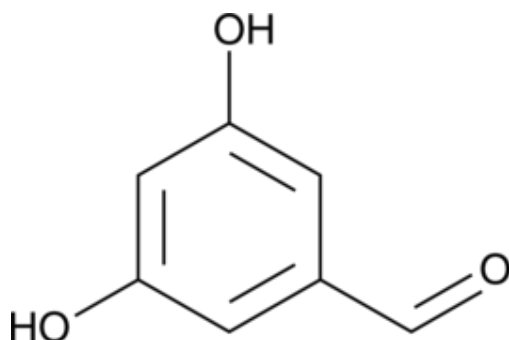
Solubility DMF: 20mg/mL, DMSO: 25mg/mL, Ethanol: 15mg/mL, PBS (pH 7.2): 3mg/mL

Storage Store at -20°C

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

3,5-Dihydroxybenzaldehyde is a building block.^{1,2} It has been used in the synthesis of 2,4-dimethylbenzoylhydrazones with antileishmanial and antioxidant activities.

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

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1.Taha, M., Baharudin, M.S., Ismail, N.H., et al.Synthesis of 2-methoxybenzoylhydrazone and evaluation of their antileishmanial activityBioorg. Med. Chem. Lett.23(11)3463-3466(2013) 2.Taha, M., Ismail, N.H., Jamil, W., et al.Synthesis, evaluation of antioxidant activity and crystal structure of 2,4-dimethylbenzoylhydrazonesMolecules18(9)10912-10929(2013)

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