

Product Data Sheet

Product Name: 5-Methoxyresorcinol

Cat. No.: GC76832

Chemical Properties

Cas. No. 2174-64-3

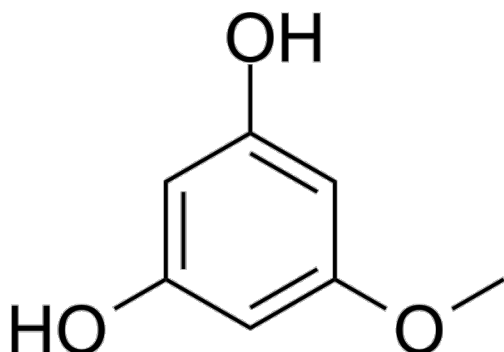
Formula C₇H₈O₃ M.Wt 140.14

Solubility DMSO: 100 mg/mL (713.57 mM; Need ultrasonic) Storage -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

5-Methoxyresorcinol is a member of the resorcinol family, which is phloroglucinol, in which phenol hydrogen is replaced by a methyl group. It has the function of a metabolite of brassica napus. 5-Methoxyresorcinol inhibits protein synthesis^[1].

References:

[1]. Herrera DP, et al. Rational Design of Resveratrol O-methyltransferase for the Production of Pinostilbene. Int J Mol Sci. 2021 Apr 21;22(9):4345.

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

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