

Product Data Sheet

Product Name: 2-Hydroxy-6-methoxybenzoic acid

Cat. No.: GC35091

Chemical Properties

Cas. No. 3147-64-6

SMILES COC1=CC=CC(O)=C1C(O)=O

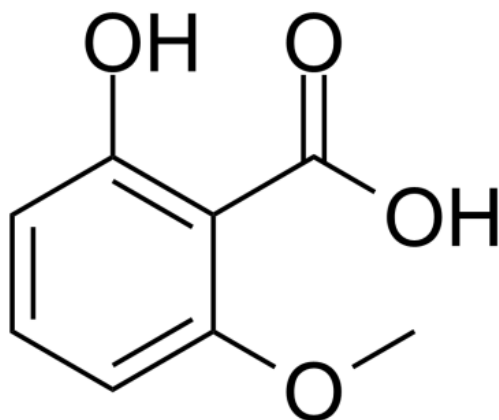
Formula $C_8H_8O_4$ M.Wt 168.15

Solubility DMSO : 100 mg/mL (594.71 mM; Need ultrasonic) 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

2-Hydroxy-6-methoxybenzoic acid can be used for the determination of acetylsalicylic acid and its major metabolite, salicylic acid, in animal plasma. 2-Hydroxy-6-methoxybenzoic acid exhibits significant analgesic effects[1][2].

[1]. Xu X, et al. Rapid and sensitive determination of acetylsalicylic acid and salicylic acid in plasma using liquid chromatography-tandem mass spectrometry: application to pharmacokinetic study.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Biomed Chromatogr. 2009 Sep;23(9):973-9. [2]. Palacios-Espinosa F, et al. Antinociceptive, hypoglycemic and spasmolytic effects of Brickellia veronicifolia. J Ethnopharmacol. 2008 Aug 13;118(3):448-54.

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