

Product Data Sheet

Product Name: 2-hydroxy-6-Methylbenzoic Acid

Cat. No.: GC40944

Chemical Properties

Cas. No. 567-61-3

SMILES CC1=C(C(O)=O)C(O)=CC=C1

Formula C₈H₈O₃

M.Wt 152.1

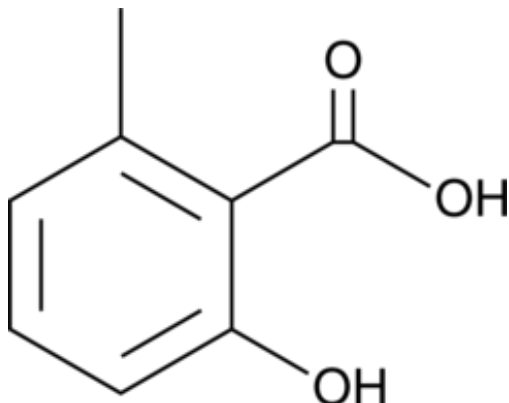
Solubility DMF: 5 mg/ml, DMF:PBS(pH 7.2)
(1:1): 0.5 mg/ml, DMSO: 5 mg/ml

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

2-hydroxy-6-methylbenzoic acid is a constituent of *G. anandria*, a well-known traditional Chinese medicinal herb, and also produced in various fungi, including *P. patulum*, where it is a precursor to the toxin patulin. This polyketide is a key structural moiety for many different antibiotic and anticancer agents, including chlorothricin, maduropeptin, neocarzinostatin, and terreic acid.

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

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