

Product Data Sheet

Product Name: Homogentisic acid

Cat. No.: GC30640

Chemical Properties

Cas. No. 451-13-8

SMILES O=C(O)CC1=CC(O)=CC=C1O

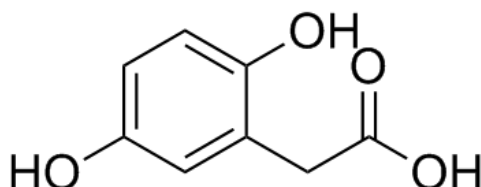
Formula C8H8O4 M.Wt 168.15

Solubility DMSO: 250 mg/mL (1486.77 mM) 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

Homogentisic acid is a specific metabolite in urine and serum, which is used for diagnosis of

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

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alkaptonuria.

[1]. Ztekin N, et al. Determination of homogentisic acid in urine for diagnosis of alcaptonuria: Capillary electrophoretic method optimization using experimental design. Biomed Chromatogr. 2018 Jul;32(7):e4216.

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