

Product Data Sheet

Product Name: Phthalic acid

Cat. No.: GC39120

Chemical Properties

Cas. No. 88-99-3

SMILES OC(=O)C1=CC=CC=C1C(=O)O

Formula $C_8H_6O_4$

M.Wt 166.13

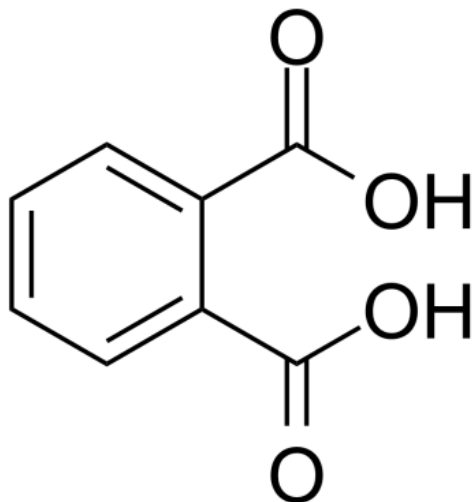
Solubility DMSO : 33mg/mL

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

Phthalic acid is the final common metabolite of phthalic acid esters (PAEs). Phthalic acid can be used for the synthesis of synthetic agents, such as isophthalic acid (IPA), and terephthalic acid (TPA). Phthalic acid has applications in the preparation of phthalate ester plasticizers[1].

[1]. Du Yeon Bang, et al. Toxicological Characterization of Phthalic Acid. Toxicol Res 2011;27:191-203

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

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