

Benzoic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Benzoic acid

Catalog No.: CFN97121

Cas No.: 65-85-0

Purity: >=98%

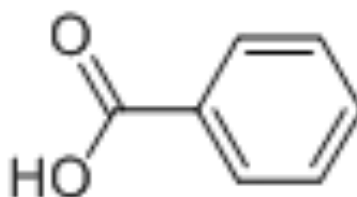
M.F: C₇H₆O₂

M.W: 122.12

Physical Description: Powder

Synonyms: Benzenecarboxylic acid;Benzeneformic acid;Benzenemethonic acid;

Carboxybenzene;Oracrylic acid;Phenyl carboxylic acid;Phenylformic acid.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Cosmetic research;
5. Synthetic precursor compounds;
6. Intermediates & Fine Chemicals;
7. Others.

[Source]

The herbs of *Cerbera manghas* L.

[Biological Activity or Inhibitors]

Benzoic acid derivatives have antifungal activity.^[1]

Benzoic acid exhibits in-vitro inhibitory activities against leukemia K562 cells.^[2]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[3]

Mobile phase: Methanol-Acetate buffer (pH 4.4)=35:65;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Lago J H, Ramos C S, Casanova D C, *et al. J. Nat. Prod.*, 2004, 67(11):1783-8.

[2] Cong Y, Guo J, Wang T, *et al. China Journal of Chinese Materia Medica*, 2009, 34(14):1816-8.

[3] Saad B, Bari M F, Saleh M I, *et al. J. Chromatogr. A*, 2005, 1073(1-2):393-7.

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