

Resorcinol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Resorcinol

Catalog No.: CFN99089

Cas No.: 108-46-3

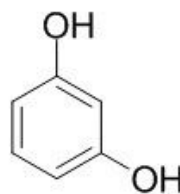
Purity: > 98%

M.F: C₆H₆O₂

M.W: 110.11

Physical Description: Cryst.

Synonyms: 1,3-Dihydroxybenzene ;3-Hydroxycyclohexadien-1-one;3-Hydroxyphenol;
Alpha-Resorcinol;Benzene, 1,3-dihydroxy-;Benzene, m-dihydroxy-;Benzene-1,3-diol.



[Intended Use]

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

[Source]

The herbs of *Cordia ecalyculata*.

[Biological Activity or Inhibitors]

Topical treatment with 15% resorcinol can reduce pain from painful nodules in patients with Hidradenitis suppurativa (HS).^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=65:35 ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 270 nm.

[Storage]

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

[References]

[1] Boer J, Jemec G B. *Clin. Exp. Dermatol.*, 2010, 35(1):36-40.

[2] Li C. *China Pharmacy*, 2011, 22(21):2000-1.

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