

2,5-Dihydroxybenzaldehyde Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 2,5-Dihydroxybenzaldehyde

Catalog No.: CFN99307

Cas No.: 1194-98-5

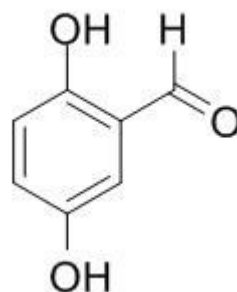
Purity: > 98%

M.F: C₇H₆O₃

M.W: 138.1

Physical Description: Powder

Synonyms: 4-Hydroxy-2-formyl-phenol; 2-Formylhydroquinone;



[Intended Use]

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

[Source]

The heartwoods of *Pseudolarix amabilis*.

[Biological Activity or Inhibitors]

2,5-Dihydroxybenzaldehyde has antioxidant activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol-50 mM NaH₂PO₄ buffer(pH 5.5, containing 0.5% Triethylamine)

=30:70 ;

Flow rate: 1.0 ml/min;

Column temperature:Room Temperature;

The wave length of determination: 276 nm.

[Storage]

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

[References]

[1] Brito R E, Mellado J M R, Montoya M R, *et al. Comptes Rendus Chimie, 2016,20(4):*
365-9.

[2]Santagati N A, Ferrara G, Marrazzo A, *et al. J.Pharm.Biomed. Anal., 2002, 30(2):*247-
55.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com