

Veratraldehyde Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Veratraldehyde

Catalog No.: CFN99315

Cas No.: 120-14-9

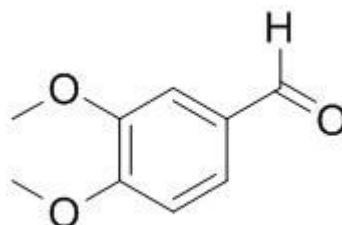
Purity: > 95%

M.F: C₉H₁₀O₃

M.W: 166.2

Physical Description: Powder

Synonyms: 3,4-Dimethoxybenzaldehyde.



[Intended Use]

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

[Source]

The herbs of *Cymbopogon javanensis*.

[Biological Activity or Inhibitors]

Veratraldehyde and anisaldehyde are acting as redox cycling agents for H₂O₂ production

by *Pleurotus eryngii*.^[1]

Veratraldehyde as a corrosion inhibitor for Zinc in different acid medium.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile-H₂O=70:30 ;

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] Guillén F, Evans C S. *Appl. Environ. Microbiol.*, 1994 Aug;60(8):2811-7.

[2] Shylesha B S, Venkatesha T V, Praveen B M. *Der Pharma Chemica*, 2010,2(6):295.

[3] Kumar A, Singh B, Malik A K, *et al. J. AOAC. Int.*, 2007 Nov-Dec;90(6):1689-94.

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