

## 2,6-Dimethoxybenzoic acid Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** 2,6-Dimethoxybenzoic acid

**Catalog No.:** CFN99607

**Cas No.:** 1466-76-8

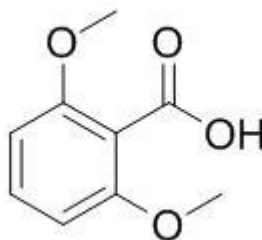
**Purity:** > 98%

**M.F:** C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>

**M.W:** 182.2

**Physical Description:** Powder

**Synonyms:**2,6-Dimethoxybenzoate.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Curculigo orchioides*.

### [ Biological Activity or Inhibitors ]

Benzyl 2,6-dimethoxybenzoate shows antimicrobial activity against several bacteria (S.

aureus, E. coli, P. aeruginosa, and B. subtilis) and fungi (C. albicans and T. mentagrophytes).[1]

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: 0.5% Trifluoroacetic acid in water- 0.02% Trifluoroacetic acid in acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 220 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Ragasa CY, Hofileña JG, Rideout J A.J. *Nat. Prod.*,2002,65(8):1107-10.

[2] Bian Q, Yang H, Chan C O, *et al.Chem. Pharm. Bull. (Tokyo)*,2013;61(8):802-8.

## **[ Contact ]**

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