

4-O-Methylsappanol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 4-O-Methylsappanol

Catalog No.: CFN99068

Cas No.: 104778-16-7

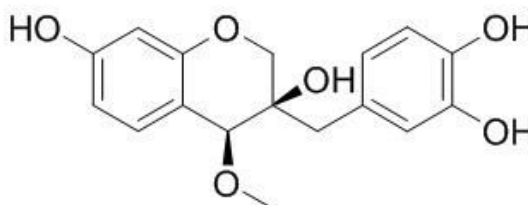
Purity: > 95%

M.F: C₁₇H₁₈O₆

M.W: 318.3

Physical Description: Powder

Synonyms: (3R,4S)-3-(3,4-Dihydroxybenzyl)-4-methoxy-3,7-chromanediol; cis-Piperidin-3,4-diol; 1,2,5-Trideoxy-1,5-imino-D-erythritol.



[Intended Use]

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

[Source]

The heartwood of *Caesalpinia sappan*.

[Biological Activity or Inhibitors]

4-O-Methylsappanol shows activity against this fungus against *Beauveria bassiana*.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=25:75 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Niranjana Reddy VL, Ravikanth V, Jansi Lakshmi VV, *et al. Fitoterapia*, 2003 Sep; 74(6): 600-2.

[2] Xu P, Guan S, Feng R, *et al. Phytochem. Anal.*, 2011, 23(3): 228-31.

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