

Peucedanol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Peucedanol

Catalog No.: CFN99738

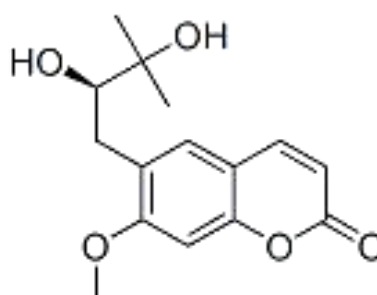
Cas No.: 28095-18-3

Purity: >=98%

M.F: C₁₅H₁₈O₅

M.W: 278.30

Physical Description: Powder



Synonyms: 2H-1-Benzopyran-2-one,6-[(2R)-2,3-dihydroxy-3-methylbutyl]-7-methoxy-;
2H-1-Benzopyran-2-one,6-(2,3-dihydroxy-3-methylbutyl)-7-methoxy-, (R)-;(+)-Ulopterol;
Coumarin, 6-(2,3-dihydroxy-3-methylbutyl)-7-methoxy-(8Cl);Peucedanol methyl ether;
6-(2,3-Dihydroxy-3-methylbutyl)-7-methoxycoumarin;Ulopterol.

[Intended Use]

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

[Source]

The roots of *Peucedanum praeruptorum* Dunn.

[Biological Activity or Inhibitors]

(R)-peucedanol has radical scavenging on 1,1-diphenyl-2-picrylhydrazyl radical and for inhibition of oxidation of liposome induced by 2,2'-azobis(2-amidinopropane) dihydrochloride, it may have antioxidant activity.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol- H₂O=75:25 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 321 nm.

[Storage]

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

[References]

[1] Hisamoto M, Kikuzaki H, Ohigashi H, *et al.* *J. Agr. Food Chem.*, 2003, 51(18):5255-61.

[2] Chen Y K, Lu J Q, Luo H B, *et al.* *Tobacco Science & Technology*, 2007(1):38-42.

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