[ Product Information ]

Name: Peucedanol
Catalog No.: CFN99738
Cas No.: 28095-18-3
Purity: >=98%
M.F: C_{15}H_{18}O_{5}
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-(8CI);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℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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