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Seal to avoid light.

For research use only. Not for drug, Diagnosis of disease or other uses.

3rd Edition (Revised in January, 2014)

[Product Information]

Name: Hirsutanonol

Catalog No.: CFN98645

Cas No.: 41137-86-4

Purity: > 97%

M.F: C₁₉H₂₂O₆

M.W: 346.4

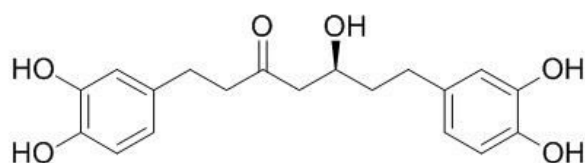
Physical Description: Oil

Synonyms:

Hirsutanonol; (5S)-1,7-bis-(3,4-dihydroxyphenyl)-5-hydroxyheptane-3-one;

(5S)-1,7-bis(3,4-dihydroxyphenyl)-5-hydroxyheptane-3-one;

(5S)-1,7-bis(3,4-dihydroxyphenyl)-5-hydroxyheptan-3-one



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Ingredient in supplements, beverages;

7. Aromatics;

8. Others.

[Source]

The stem bark of *Alnus hirsuta*.

[Applications]

Shows antibiotic activity. Inhibits nitric oxide synthase.

[Solvent]

Chloroform, Dichloromethane, DMSO, Acetone.

[HPLC Method]

Mobile phase: Acetonitrile-H₂O gradient elution;

Flow rate: 1.0 ml/min;

The wave length of determination: 228 nm.

[Storage]

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

[References]

1. *Archives of Pharmacal Research*, 2000, 23(1), 50-53.
2. *Mokuzai Gakkaishi*, 1973, 19, 45-46.
3. *Phytochemistry*, 1990, 29, 3611-3614.