



ChemFaces is a professional high-purity natural products manufacturer.

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: Rhododendrol

Catalog No.: CFN98793

Cas No.: 501-96-2

Purity: > 98%

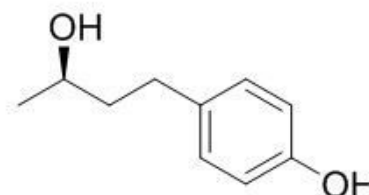
M.F: C₁₀H₁₄O₂

M.W: 166.2

Physical Description: Powder

Synonyms:

(-)-Betuligenol; 4-[(R)-3-Hydroxybutyl]phenol; (2R)-4-(4-Hydroxyphenyl)butane-2-ol; (R)-3-(4-Hydroxyphenyl)-1-methyl-1-propanol; [R,(-)]-4-Hydroxy- α -methylbenzene-1-propanol; 4-(4-Hydroxyphenyl)-2-butanol; Betuligenol; 4-Hydroxy--methylbenzenepropanol; 4-(3-Hydroxybutyl)phenol; Betuligenol



[Intended Use]

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

[Source]

The herbs of *Rhododendron pentanthera*

[Applications]

Rhododendrol prevent high-fat diet-induced elevation in body weight and to increase lipolysis in white adipocytes in male mice. Rhododendrol has shown potential to increase dermal IGF-I production through sensory neuron activation, promoting hair growth and increasing skin elasticity.

Antibacterial activity.

[Solvent]

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

[HPLC Method]

Mobile phase: Methanol-H₂O gradient elution;

Flow rate: 1.0 ml/min;

The wave length of determination: 254 nm.

[Storage]

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

[References]

1. Bull. Soc. Chim. Fr., 1993, 130, 382.
2. Phytochemistry, 1994, 36(1), 79-83.
3. Phytochemistry, 1993, 33(6), 1529-1530.
4. Planta Med., 1998, 64(7), 598-602.