

Centrololol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Centrololol

Catalog No.: CFN98383

Cas No.: 30359-01-4

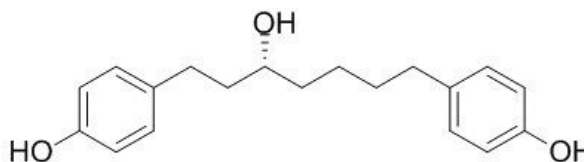
Purity: > 95%

M.F: C₁₉H₂₄O₃

M.W: 300.4

Physical Description: Oil

Synonyms: (R)-(-)-1,7-Bis(p-hydroxyphenyl)-3-heptanol.



[Intended Use]

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

[Source]

The herbs of *Nidus vespae*.

[Biological Activity or Inhibitors]

(-)-Centrololol has antifibrotic activity, it can significantly inhibit the proliferation of

HSC-T6 cells in a dose-dependent manner.^[1]

Centrololol exhibits strong cytotoxic activity against KB cell line.^[2]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Acetonitrile-H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30°C;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Lee M, Park J H, Dong S M, *et al. Biosci. Biotechnol. Biochem.*, 2014, 76(9):1616-20.

[2] Chokchaisiri R, Pimkaew P, Piyachaturawat P, *et al. Records of Natural Products*, 2014, 8(1):46-50.

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