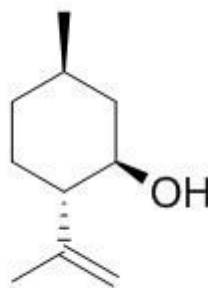


Isopulegol Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Isopulegol**Catalog No.:** CFN98126**Cas No.:** 7786-67-6**Purity:** >=98%**M.F:** C₁₀H₁₈O**M.W:** 154.25**Physical Description:** Oil**Synonyms:** (1R,2R,5R)-5-Methyl-2-(1-methylethenyl)cyclohexanol.**[Intended Use]**

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

[Source]The herbs of *Mentha canadensis* L.**[Biological Activity or Inhibitors]**Isopulegol presents depressant- and anxiolytic-like effects.^[1]

Isopulegol presents significant gastroprotective effects in both ethanol- and indomethacin-induced ulcer models, which appear to be mediated, at least in part, by endogenous prostaglandins, K(ATP) channel opening, and antioxidant properties.^[2]

Isopulegol has anticonvulsant and bioprotective effects against PTZ-induced convulsions, which are possibly related to positive modulation of benzodiazepine-sensitive GABA(A) receptors and to antioxidant properties.^[3]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Silva M I G, Neto M R D A, Neto P F T, *et al. Pharmacol. Biochem. Behav.*,2007 Dec;88(2):141-7.

[2] Silva M I, Moura BANeto M R. *Naunyn Schmiedebergs Arch. Pharmacol.*,2009 Sep; 380(3):233-45.

[3] Silva M I, Silva M A, Mr D A N, *et al. Fitoterapia*, 2009 Dec;80(8):506-13.

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