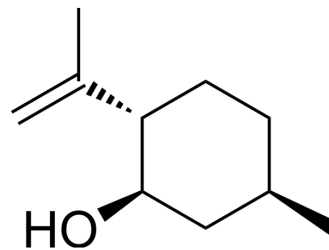


## (-)-Isopulegol

Cat. No.:	HY-121206
CAS No.:	89-79-2
Molecular Formula:	C <sub>10</sub> H <sub>18</sub> O
Molecular Weight:	154.25
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

(-)-Isopulegol is prepared directly from the treatment of essential oil of citronella under solid supported acid catalysis and solvent-free microwave assisted ene-cyclisation. (-)-Isopulegol shows high activity in reacting with carbonyl compounds. (-)-Isopulegol can be used for antiviral activity research<sup>[1]</sup>.

### REFERENCES

- [1]. Raquel G.Jacob, et al. Green synthesis of (-)-isopulegol from (+)-citronellal: application to essential oil of citronella. Tetrahedron Letters. 2003 April 28;44(18):3605-3608.
- [2]. Ilyina IV, et al. Highly potent activity of isopulegol-derived substituted octahydro-2H-chromen-4-ols against influenza A and B viruses. Bioorg Med Chem Lett. 2018 Jun 15;28(11):2061-2067.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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