



Product Information

Product ID C0368
CAS No. 99-48-9
Chemical Name p-Mentha-6,8-dien-2-ol

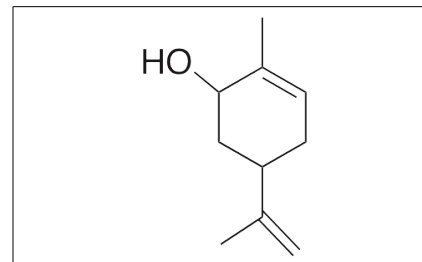
Synonym

Formula C₁₀H₁₆O
Formula Wt. 152.23
Melting Point
Purity ≥98%
Solubility Insoluble in water. Soluble
in ethanol, or DMSO.

Store Temp Ambient

Ship Temp Ambient

Description Carveol is a terpene alcohol initially found in spearmint oil that exhibits anti-parasitic, neuromodulatory, and anticancer activities. Carveol is commercially used as a food additive and fragrance. This compound activates transient receptor potential vanilloid 3 (TRPV3) channels in vitro and displays acaricidal characteristics, inhibiting growth of *Dermatophagoides*. In prostate cancer cells, carveol increases levels of p21 and activation of ERK, suppressing cellular proliferation.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C0368	5 g	\$57.60
C0368	25 g	\$165.40

References Yang JY, Kim MG, Lee SE, et al. Acaricidal activities against house dust mites of spearmint oil and its constituents. *Planta Med.* 2014 Feb;80(2-3):165-70. PMID: 24488719.

Bhatia SP, McGinty D, Letizia CS, et al. Fragrance material review on carveol. *Food Chem Toxicol.* 2008 Nov;46 Suppl 11:S85-7. PMID: 18640224.

Vogt-Eisele AK, Weber K, Sherkheli MA, et al. Monoterpenoid agonists of TRPV3. *Br J Pharmacol.* 2007 Jun;151(4):530-40. PMID: 17420775.

Chen J, Lu M, Jing Y, et al. The synthesis of L-carvone and limonene derivatives with increased antiproliferative effect and activation of ERK pathway in prostate cancer cells. *Bioorg Med Chem.* 2006 Oct 1;14(19):6539-47. PMID: 16806947.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.