

Title (en)

OZONIDES OF TERPENES AND THEIR MEDICAL USES

Publication

**EP 0427781 A4 19910821 (EN)**

Application

**EP 89909317 A 19890616**

Priority

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Abstract (en)

[origin: WO8912626A1] Ozonides of terpenes are disclosed. Terpenes which are believed to be pharmacologically active when prepared in accordance with the present invention include: limonene, citronella, alpha-carotene, beta-carotene, Vitamin A, linalool, linalyl acetate, or squalene. Other compounds which are believed to make pharmacologically active terpene ozonides in accordance with the present invention include geraniol, limonene, alpha-pinene, loganin, cymene, farnesanes, eudesmanes, acoranes, cedranes, chamigranes, caryophyllanes, illudanes, humulenes, himachalenes, longifolanes, perhydroazulenes, quaianes, quaianolides, or germacrane. Still other compounds which are believed to make pharmacologically active terpene ozonides in accordance with the present invention include labdanes, clerodanes, abietic acid, phyllocladene, gibberellins, ophiobolin A, retigeranic acid, gasgardic acid, lanosterol, euphol, oleanane, ursane, lupeol, hydroxyhopanone, lupanes, or hopanes. Other particular terpene compounds which are believed to make pharmacologically active terpene ozonides when prepared in accordance with the present invention include B-selinene, zingibene, camphene, sabinene, ocimene, myrcene, nerol, citral A, citral B, farnesol, bisabolene, phytol, and cecropia hormone. A method of producing the terpene ozonides is also disclosed. Further, pharmaceutical preparations using these compositions are disclosed. Methods of medical treatment using these pharmaceutical preparations are also disclosed.

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