

Cariofileno

IR, RMN¹H, RMN¹³C, Características físicas, Rotación específica,

Larionov O, Corey EJ. 2008. An unconventional approach to the enantioselective synthesis of caryophylloids. *J Am Chem Soc* 130(10): 2954-2955.

EM

Piccolella S, Nocera P, Carillo P, Woodrow P, Greco V, Manti L, Fiorentino A, Pacifico S. 2016. An apolar *Pistacia lentiscus* L. leaf extract: GC-MS metabolic profiling and evaluation of cytotoxicity and apoptosis inducing effects on SH-SY5Y and SK-N-BE(2)C cell lines. *Food Chem Toxicol* 95: 64-74.

EMIE, P.E.

Won MM, Cha EJ, Yoon OK, Kim NS, Kim K, Lee DS. 2009. Use of headspace mulberry paper bag micro solid phase extraction for characterization of volatile aromas of essential oils from Bulgarian rose and Provence lavender. *Anal Chim Acta* 631(1): 54-61.

Inhibe la migración celular y la producción de mediadores pro-inflamatorios en inflamación inducida por *Mycobacterium bovis* BCG

Andrade-Silva M, Correa LB, Candea ALP, Cavalher-Machado SC, Barbosa HS, Rosas EC, Henriques MG. 2016. The cannabinoid 2 receptor agonist b-caryophyllene modulates the inflammatory reaction induced by *Mycobacterium bovis* BCG by inhibiting neutrophil migration. *Inflammation Research* 65(11): 869-879.

Efecto antidiabético al mediar la inflamación y el estrés oxidativo ocasionado por ratas inducidos por estreptozotocina.

Basha RH, Sankaranarayanan C. 2016. B-Caryophyllene, a natural sesquiterpene lactone attenuates hyperglycemia mediated oxidative and inflammatory stress in experimental diabetic rats. *Chem Biol Interact* 245: 50-58.

Efecto analgésico en dolor neuropático e inflamatorio en ratones, actuando como agonista en el receptor selectivo de cannabinoides CB₂.

Klauke AL, Racz I, Pradier B, Market A, Zimmer AM, Gertsh J, Zimmer A. 2014. The cannabinoid CB₂ receptor-selective phytocannabinoid delta-caryophyllene exerts analgesic effects in mouse models of inflammatory and neuropathic pain. *European Neuropsychopharmacology* 24(4): 608-620.

Actividad moderada LC₅₀ > 10 mg/cm² contra *Blattella germanica*;

Jang YS, Yang YC, Choi DS, Ahn YJ. 2005. Vapor phase toxicity of marjoram oil compounds and their related monoterpenoids to *Blattella germanica* (Orthoptera: Blattellidae). *J Agric Food Chem* 53(20): 7892-7898.

Actividad contra: 1. *Anopheles tessellatus* KD₅₀ = 1.03 µg/mL, DL₅₀ = 0.80 µg/mL; 2. *Culex quinquefasciatus* KD₅₀ = 2.63 µg/mL, DL₅₀ = 5.19 µg/mL.

Samarasekera R, Kalhari KS, Weerasinghe IS. 2005. Mosquitocidal activity of leaf and bark essential oils of ceylon *Cinnamomum zeylanicum*. *J Essent Oil Res* 17(3): 301-303.