

Cariofileno

Características físicas, rotación específica, IR, RMN¹H y RMN¹³C

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.

Inhibió 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* Ahead of print.

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.