

Ácido 16 α -hidroxi-ent-kauran-19-oico

Características físicas, Punto de fusión (°C), Rotación específica (°), IR, EM

Lee IS, Kim HJ, Youn UJ, Min BS, Jung HJ, Yoo JK, Seong RS, Bae KH. 2008. Absolute configuration of a diterpene with an acyclic 1,2-diol moiety and cytotoxicity of its analogs from the aerial parts of *Aralia cordata*. Bull Korean Chem Soc 29(9): 1839-1842.

RMN¹H, RMN¹³C

Wiat C, Au TS, Mohd Y, Hamimah H, Sulaiman M. 2005. 16- α -Hydroxy(-)-kauran-19-oic acid: An antibacterial diterpene from sweet apple (*Annona squamosa* L., Annonaceae). International Journal of Pharmacology 1(3): 296-298.

EM-FAB

Na M, Oh WK, Kim YH, Cai XF, Kim SoHee, Kim BY, Ahn JS. 2006. Inhibition of protein tyrosine phosphatase 1B by diterpenoids isolated from *Acanthopanax koreanum*. Bioorg Med Chem Lett 16(11): 3061-3064.

Citotoxicidad sobre las líneas celulares CCRF-CEM, CEM/ADR5000 y HepG2 a concentraciones de 72.28, 101.59 y 85.86 mM respectivamente.

Kuete V, Sandjo LP, Mbaveng AT, Zeino M, Efferth T. 2015. Cytotoxic of compounds from *Xylopiya aethiopia* towards multi-factorial drug-resistant cancer cells. Phytomedicine 22(14): 1247-1254.

Actividad inhibitoria de COX-1 y COX-2 con una CI₅₀ = 408.5 y 434.6 μ M respectivamente.

Lee IS, Jin WY, Zhang X, Hung TM, Song KS, Seong YH, Bae KH. 2006. Cytotoxic and COX-2 inhibitory constituents from the aerial parts of *Aralia cordata*. Arch Pharmacol Res 29(7): 548-555.

Efecto antibacterial frente a *Staphylococcus aureus* y *Streptococcus pneumoniae* a 15.6 y 31.2 mg/mL respectivamente.

Wiat C, Au TS, Mohd Y, Hamimah H, Sulaiman M. 2005. 16- α -Hydroxy(-)-kauran-19-oic acid: An antibacterial diterpene from sweet apple (*Annona squamosa* L., Annonaceae). International Journal of Pharmacology 1(3): 296-298.