

## Asarinina

**Rotación específica, UV (MeOH), IR (KBr) y Actividad antilistérica contra *Listeria monocytogenes* (CMI 125 µg/ml).**

Oh J, Hwang IH, Kim DC, Kang SC, Jang TS, Lee SH, Na MK. 2010. Anti-listerial compounds from Asari Radix. Arch Pharmacol Res 33(9): 1339-1345.

**Características físicas, RMN<sup>1</sup>H (600 MHz, CDCl<sub>3</sub>), RMN<sup>13</sup>C (150 MHz, CDCl<sub>3</sub>), EMIE (70ev) y actividad antibacteriana contra bacterias gram positivas y negativas mencionadas en el artículo (CMI 1.47 and 2.94 µg/mL).**

Perumalsamy H, Jung MY, Hong SM, Ahn YJ. 2013. Growth-inhibiting and morphostructural effects of constituents identified in Asarum heterotropoides root on human intestinal bacteria. BMC Complementary and Alternative Medicine 13 (245/1-245/11): 11.

**Presentó actividad antilarvica contra *Culex pipiens pallens*, *Aedes aegypti* y *Ochlerotatus togoi***

Perumalsamy H, Chang KS, Park C, Ahn YJ. 2010. Larvicidal activity of Asarum heterotropoides Root constituents against insecticide-susceptible and – resistant *Culex pipiens pallens* and *Aedes aegypti* and *Ochlerotatus togoi*. J Agric Food Chem 58(18): 10001-10006.

### **Estructura**

Kumar V, Kumar S, Singh B, Kumar N. 2014. Quantitative and structural analysis of amides and lignans in *Zanthoxylum armatum* by UPLC-DAD-ESI-QTOF-MS/MS. J Pharm Biomed Anal 94: 23-29.