

## **Lactona dehidrocostus**

### **Rotación específica, características físicas y EMIES**

Wang XL, Gesang SL, Jiao W, Liao X, Ding LS. 2007. Two new sesquiterpenoid glucosides from the aerial parts of *Saussurea involucrate*. *Journal of Integrative Plant Biology* 49(5): 609-614.

### **UV, Vis**

Vijayakannan R, Karan M, Dutt S, Jain V, Vasisht K. 2006. A rapid densitometric TLC method for simultaneous analysis of costunolide and dehydrocostus lactone in *Saussurea costus*. *Chromatographia* 63(5-6): 277-281.

### **RMN<sup>1</sup>H**

Fan GX, Dong LL, Li HH, Li ZY, Zhang ZX, Fei DQ. 2016. Sesquiterpenoids and Other Chemical Components from the Roots of *Dolomiaea souliei*. *Chem Nat Comp* 52(4): 754-757.

### **IR, RMN<sup>13</sup>C e inhibición de citotoxicidad de linfocitos T**

Yuuya S, Hagiwara H, Suzuki T, Ando M, Yamada A, Suda K, Kataoka T, Nagai K. Guaianolides as immunomodulators. Synthesis and biological activities of Dehydrocostus Lactone, Mokko Lactone, Eremanthin, and their derivatives. *J Nat Prod* 49(5): 609-6014.

### **Actividad gastroprotectora**

Zheng H, Chen Y, Zhang J, Wang L, Jin Z, Huang H, Man S, Gao W. 2016. Evaluation of protective effects of costunolide and dehydrocostuslactone on ethanol-induced gastric ulcer in mice based on multi-pathway regulation. *Chemico-Biological Interactions* 250: 68-77.

### **Actividad citotóxica contra las líneas celulares de neuroblastoma IMR-32, NB-39, SK-NSH y LA-N-1**

Tabata K, Nishimura Y, Takeda T, Kurita M, Uchiyama T, Suzuki T. 2015. Sesquiterpene lactones derived from *Saussurea lappa* induce apoptosis and inhibit invasion and migration in neuroblastoma cells. *J Pharmacol Sciences* 127(4): 397-403.