

## Glucósido de $\beta$ -sitosterol

### **Punto de fusión, IR y RMN<sup>13</sup>C.**

Wang W, Zhao Y, Rayburn ER, Hill DL, Wang H, Zhang R. 2007. In vitro anti-cancer activity and structure-activity relationships of natural products isolated from fruits of *Panax ginseng*. *Cancer Chemother Pharmacol* 59(5): 589-601.

### **UV, EM-FAB**

Khan Z, Ali M, Bagri P. 2010. A new steroidal glycoside and fatty acid esters from the stem bark of *Tectona grandis* Linn. *Nat Prod Res* 24(11): 1059-1068.

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

Duan J, Wang L, Qian S, Su S, Tang Y. 2008. A new cytotoxic prenylated dihydrobenzofuran derivative and other chemical constituents from the rhizomes of *Atractylodes lancea* DC. *Arch Pharmacol Res* 31(8): 965-969.

### **Características físicas y Actividad inhibitoria de $\alpha$ -glucosidasa, presentándose como un potencial candidato para prevenir la hiperglicemia y tratar la diabetes miellitus.**

Sheng Z, Dai Haofu Pan S, Wang H, Hu Y, Ma W. 2014. Isolation and characterization of an  $\alpha$ -glucosidase inhibitor from *Musa* spp. (Baxijiao) flowers. *Molecules* 19: 10563-10573.

### **Citotoxicidad (CI<sub>50</sub>>100 $\mu$ g/mL) frente a las líneas celulares MCF-7 y MDA-MB-231.**

Tor YS, Yasan LS, Foo JB, Wibowo A, Ismail N, Cheah YK, Abdullah R, Ismail M, Ismail IS, Yeap SK. 2015. Induction of apoptosis in MCF-7 cells via oxidative stress generation, mitochondria-dependent and caspase-independent pathway by ethyl acetate extract of *Dillenia suffruticosa* and its chemical profile. *PLoS One* 10(6): e0127441/1-e0127441/25.

### **Elevó significativamente la viabilidad de fibroblastos I929 y su migración, así como la estimulación en la producción de colágeno.**

Sudsai T, Wattanapiromsakul C, Tewtrakul S. 2016. Wound healing property of isolated compounds from *Boesenbergia kingii* rhizomes. *J Ethnopharmacol* 184: 42-48.

### **Efecto neuroprotector contra estrés oxidativo inducido por H<sub>2</sub>O<sub>2</sub>.**

Chung MJ, Lee S, Park YI, Lee J, Kwon KH. 2016. Neuroprotective effects of phytosterols and flavonoids from *Cirsium setidens* and *Aster scaber* in human brain neuroblastoma SK-N-SH cells. *Life Sci* 148: 173-182.