

## Ácido oleanólico

### **Características físicas, punto de fusión y rotación específica.**

The Index Merck: an encyclopedia of chemicals, drugs, and biologicals. 15th. ed. Whitehouse Station, NJ USA: Merck & Co INC, 2013.

### **UV (MeOH), IR (KBr) y EMIESAR**

Salem MM, Werbovetz KA. 2006. Isoflavonoids and other compounds from *Psoralea argyrea* with antiprotozoal activities. *J Nat Prod* 69(1): 43-49.

### **RMN<sup>13</sup>C (C<sub>5</sub>D<sub>5</sub>N)**

Seebacher W, Simic N, Weis R, Saf R, Kunert O. 2003. Complete assignments of <sup>1</sup>H and <sup>13</sup>C NMR resonances of oleanolic acid, 18 $\alpha$ -oleanolic acid, ursolic acid and their 11-oxo derivatives. *Magn Reson Chem* 41(8): 636-638.

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

Hu HB, Zheng XD, Jian YF, Liu JX, Zhu JH. 2011. Constituents of the root of *Anemone tomentosa*. *Arch Pharmacol Res* 34(7): 1097-1105.

### **Efecto hepatoprotector**

Chen Y, Liu J, Yang X, Zhao X, Hui Xu. 2005. Oleanolic acid nanosuspensions: preparation, in-vitro characterization and enhanced hepatoprotective effect. *J Pharm Pharmacol* 57(2): 259-264.

### **Actividad antituberculosa contra *Mycobacterium tuberculosis* H37Rv (ATCC 27 294)**

Gu JQ, Wang Y, Franzblau SG, Montenegro G, Yang D, Timmermann BN. 2004. Antitubercular constituents of *Valeriana laxiflora*. *Planta Med* 70(6): 509-514.

### **Efecto antidiabético**

Wang ZH, Hsu CC, Huang CN, Yin MC. 2010. Anti-glycative effects of oleanolic acid and ursolic acid in kidney of diabetic mice. *Eur J Pharmacol* 628(1-3): 255-260.