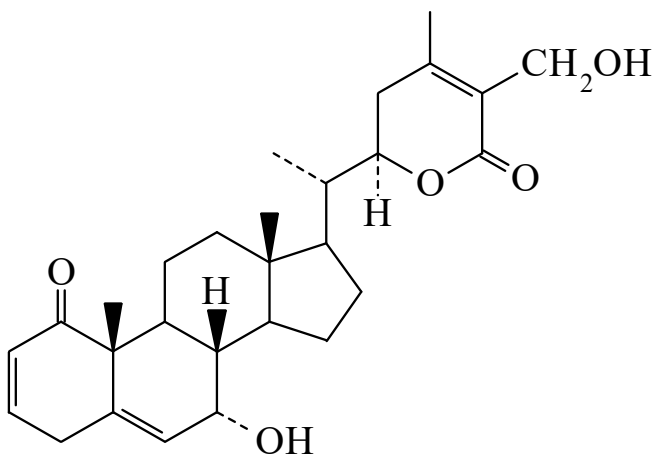




>>Entry Name: 7,27-Dihydroxy-1-oxowitha-2,5,24-trienolide



**Molecular Formula:** C<sub>28</sub>H<sub>38</sub>O<sub>5</sub>

**Molecular Weight:** 454.605

**Accurate Mass:** 454.271925

**Percentage Composition:** C 73.98%; H 8.42%; O 17.60%

>>Variant: (7 $\alpha$ ,22*R*)-form

**Type of Compound Code(s):** AJ1400 VT1400

**Molecular Formula:** C<sub>28</sub>H<sub>38</sub>O<sub>5</sub>

**Molecular Weight:** 454.605

**Accurate Mass:** 454.271925

**Percentage Composition:** C 73.98%; H 8.42%; O 17.60%

**Biological Source:** Constit. of *Withania somnifera*

>>Derivative: Di-Ac

**Physical Description:** Cryst. (Me<sub>2</sub>CO/hexane)

**Melting Point:** Mp 208-209°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -119 (c, 0.26 in CHCl<sub>3</sub>)

>>Derivative: 27-*O*- $\beta$ -D-Glucopyranoside

**Synonym(s):** Daturataturin A

**CAS Registry Number:** 133360-51-7

**Type of Compound Code(s):** VT1400

**Molecular Formula:** C<sub>34</sub>H<sub>48</sub>O<sub>10</sub>

**Molecular Weight:** 616.747

**Accurate Mass:** 616.32475

**Percentage Composition:** C 66.21%; H 7.84%; O 25.94%

**Biological Source:** Constit. of *Datura tatura*

**Physical Description:** Amorph. powder

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>21</sup> -38.1 (c, 0.72 in Py)

#### References:

Lavie, D. *et al.*, *J.C.S.(C)*, 1971, 2032

Shinga, K. *et al.*, *Chem. Pharm. Bull.*, 1990, **38**, 3485, (*Daturataturin A*)