



**CAS Registry Number:** 28649-59-4

**Molecular Formula:** C<sub>32</sub>H<sub>40</sub>O<sub>8</sub>

**Molecular Weight:** 552.663

**Accurate Mass:** 552.27232

**Percentage Composition:** C 69.55%; H 7.29%; O 23.16%

**Biological Source:** Constit. of *Euphorbia lathyris* and *Macaranga tanarius*

**Physical Description:** Cryst.

**Melting Point:** Mp 199-200°

>>**Derivative:** 5-Epimer, Δ<sup>6</sup>-isomer (Z-), 15-benzoyl

**Synonym(s):** 15β-Benzoyl-5α-hydroxyisolathyrol

**Molecular Formula:** C<sub>27</sub>H<sub>34</sub>O<sub>5</sub>

**Molecular Weight:** 438.563

**Accurate Mass:** 438.240625

**Percentage Composition:** C 73.95%; H 7.81%; O 18.24%

**Biological Source:** Constit. of *Euphorbia micratina*

**Physical Description:** Cryst. (EtOAc)

**Melting Point:** Mp 110-112°

**Optical Rotation:** [α]<sub>D</sub><sup>24</sup> -124.7 (c, 0.63 in CHCl<sub>3</sub>)

#### References:

- Adolf, W. *et al.*, *Tet. Lett.*, 1970, 2241, (*isol*)  
Zechmeister, K. *et al.*, *Tet. Lett.*, 1970, 3071, (*cryst struct*)  
Adolf, W. *et al.*, *Experientia*, 1971, **27**, 1393, (*isol*)  
Lotter, H. *et al.*, *Tet. Lett.*, 1979, 77, (*isol, pmr*)  
Shi, J. *et al.*, *Planta Med.*, 1994, **60**, 588, (*deriv*)  
Appendino, G. *et al.*, *J. Nat. Prod.*, 1999, **62**, 1399-1404, (*isol, pmr, cmr, bibl*)  
Appendino, G. *et al.*, *Eur. J. Org. Chem.*, 2000, 2933-2938, (*Euphorbia factor L<sub>1</sub>, synth*)