



CAS Registry Number: 28649-59-4

Molecular Formula: C₃₂H₄₀O₈

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, Δ⁶-isomer (Z-), 15-benzoyl

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

Molecular Formula: C₂₇H₃₄O₅

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]_D²⁴ -124.7 (c, 0.63 in CHCl₃)

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 L₁, synth*)