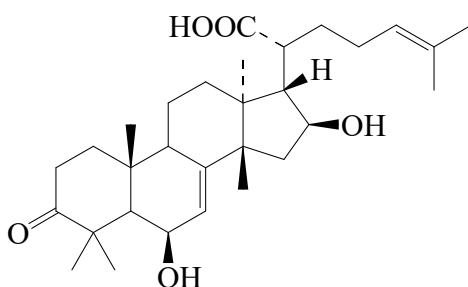




>>Entry Name: 6,16-Dihydroxy-3-oxoeupha-7,24-dien-21-oic acid



Molecular Formula: C₃₀H₄₆O₅

Molecular Weight: 486.69

Accurate Mass: 486.334525

Percentage Composition: C 74.04%; H 9.53%; O 16.44%

>>Variant: (6 β ,16 β)-form

Molecular Formula: C₃₀H₄₆O₅

Molecular Weight: 486.69

Accurate Mass: 486.334525

Percentage Composition: C 74.04%; H 9.53%; O 16.44%

>>Derivative: (21 $\rightarrow$ 16)-Lactone

Synonym(s): 6-Hydroxy-3-oxoeupha-7,24-dien-21,16-olide. **6-Hydroxykulactone**

CAS Registry Number: 223596-99-4

Type of Compound Code(s): VS8000

Molecular Formula: C₃₀H₄₄O₄

Molecular Weight: 468.675

Accurate Mass: 468.32396

Percentage Composition: C 76.88%; H 9.46%; O 13.66%

Biological Source: Constit. of *Melia volkensii*

Physical Description: Oil

Optical Rotation: [α]_D²⁵ -47.1 (c, 0.0015 in CHCl₃)

>>Derivative: 6-Ketone, (21 $\rightarrow$ 16)-lactone

Synonym(s): 3,6-Dioxoeupha-7,24-dien-21,16-olide. **Sendanolactone**

CAS Registry Number: 64929-59-5

Type of Compound Code(s): VS8000

Molecular Formula: C₃₀H₄₂O₄

Molecular Weight: 466.659

Accurate Mass: 466.30831

Percentage Composition: C 77.21%; H 9.07%; O 13.71%

Biological Source: Constit. of *Melia azedarach*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 208.5-209°

Optical Rotation: [α]_D¹⁴ -30 (c, 0.1 in EtOH)

References:

- Ochi, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1977, **50**, 2499, (*Sendanolactone*)
Cantrell, C.L. *et al.*, *J. Nat. Prod.*, 1999, **62**, 546-548, (*Hydroxykulactone*)