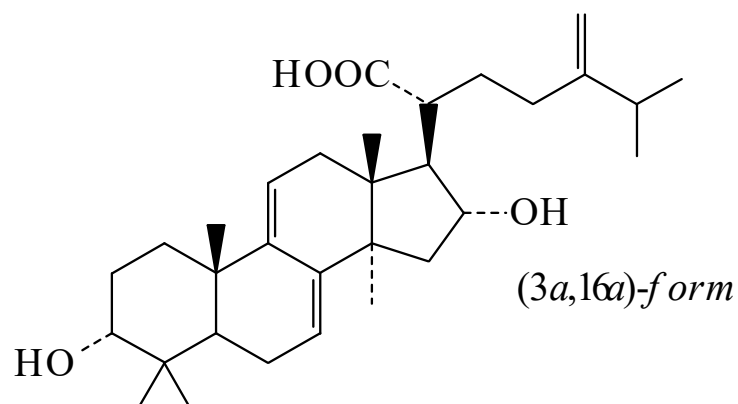




>>Entry Name: 3,16-Dihydroxy-24-methylenelanosta-7,9(11)-dien-21-oic acid

Synonym(s): 3,16-Dihydroxyeburica-7,9(11),24(28)-trien-21-oic acid



Molecular Formula: C₃₁H₄₈O₄

Molecular Weight: 484.718

Accurate Mass: 484.35526

Percentage Composition: C 76.82%; H 9.98%; O 13.20%

>>Variant: (3 α ,16 α)-form

Synonym(s): 3-Epidehydrotumulosic acid

Molecular Formula: C₃₁H₄₈O₄

Molecular Weight: 484.718

Accurate Mass: 484.35526

Percentage Composition: C 76.82%; H 9.98%; O 13.20%

Biological Source: Constit. of *Poria cocos*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{26} +6$ (c, 0.6 in Py)

>>Derivative: 3-Ac

Synonym(s): 3-Epidehydropachymic acid

Molecular Formula: C₃₃H₅₀O₅

Molecular Weight: 526.755

Accurate Mass: 526.365825

Percentage Composition: C 75.25%; H 9.57%; O 15.19%

Biological Source: Constit. of *Poria cocos*

Physical Description: Needles (MeOH)

Melting Point: Mp 274-275°

Optical Rotation: $[\alpha]_D^{26} -8$ (c, 0.1 in Py)

>>Derivative: 3-Ketone

Synonym(s): 16-Hydroxy-24-methylene-3-oxolanosta-7,9(11)-dien-21-oic acid. **Polyporenic acid C**

CAS Registry Number: 465-18-9

Molecular Formula: C₃₁H₄₆O₄

Molecular Weight: 482.702

Accurate Mass: 482.33961

Percentage Composition: C 77.14%; H 9.60%; O 13.26%

Biological Source: Constit. of *Polyporus betulinus* and *Polyporus benzoinus*, also *Coriolus sanguineus*

Physical Description: Cryst.

Melting Point: Mp 273-276°

Optical Rotation: $[\alpha]_D^{20} +6$ (Py)

>>Derivative: 3-Ketone, 16-Ac

Synonym(s): 16-Acetylpolyporenic acid C

CAS Registry Number: 2535-06-0

Molecular Formula: C₃₃H₄₈O₅

Molecular Weight: 524.739

Accurate Mass: 524.350175

Percentage Composition: C 75.54%; H 9.22%; O 15.25%

Biological Source: Metab. of *Daedalea quercina*