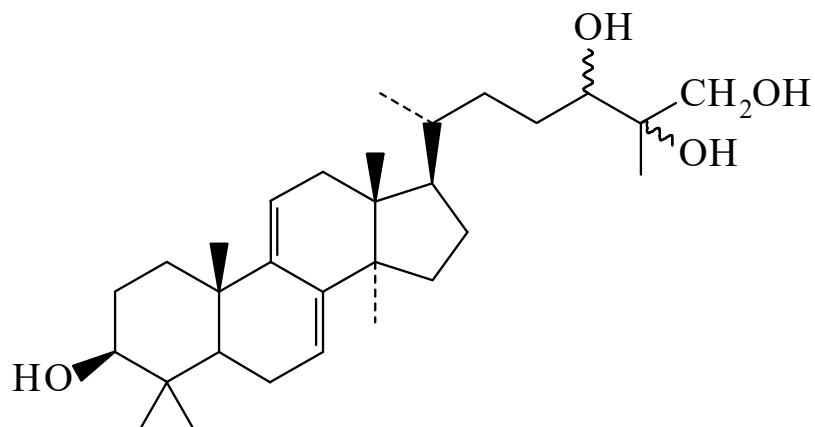




>>Entry Name: Lanosta-7,9(11)-diene-3,24,25,26-tetrol



Molecular Formula: C₃₀H₅₀O₄

Molecular Weight: 474.723

Accurate Mass: 474.37091

Percentage Composition: C 75.90%; H 10.62%; O 13.48%

>>Variant: 3β-form

Synonym(s): Ganoderiol A

Molecular Formula: C₃₀H₅₀O₄

Molecular Weight: 474.723

Accurate Mass: 474.37091

Percentage Composition: C 75.90%; H 10.62%; O 13.48%

Biological Source: Constit. of *Ganoderma lucidum*

Physical Description: Needles (CHCl₃)

Melting Point: Mp 232-234°

Optical Rotation: [α]_D²³+20 (c, 0.1 in EtOH)

>>Derivative: 3-Ketone

Synonym(s): 24,25,26-Trihydroxylanosta-7,9(11)-dien-3-one. **Ganodermanontriol**

CAS Registry Number: 106518-63-2

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: From *Ganoderma lucidum*

Physical Description: Cryst.

Melting Point: Mp 168-170°

Optical Rotation: [α]_D²⁴+41 (c, 0.2 in MeOH)

References:

Sato, H. *et al.*, *Agric. Biol. Chem.*, 1986, **50**, 2887, (*isol*)

Fujita, A. *et al.*, *J. Nat. Prod.*, 1986, **49**, 1122, (*isol*)