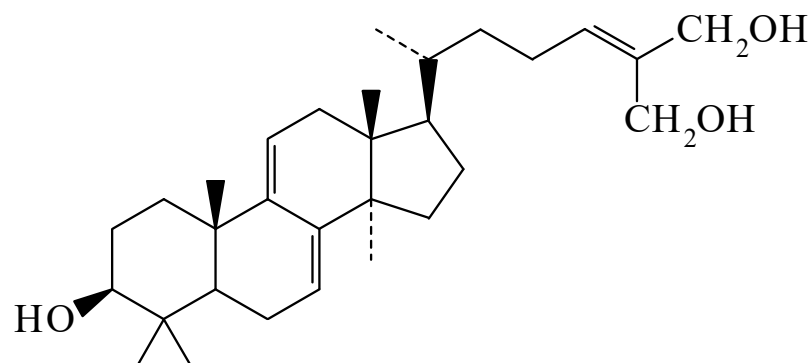




>>Entry Name: Lanosta-7,9(11),24-triene-3,26,27-triol



Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

>>Variant: 3β-form

Synonym(s): Ganodermatriol

CAS Registry Number: 105300-28-5

Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Biological Source: Constit. of *Ganoderma lucidum*

Physical Description: Plates

Melting Point: Mp 180-190°

Optical Rotation: [α]_D²⁰+9 (c, 0.04 in EtOH)

>>Derivative: Tri-Ac

Physical Description: Cryst. (MeOH)

Melting Point: Mp 98-100°

>>Derivative: 3-Ketone

Synonym(s): 26,27-Dihydroxylanosta-7,9(11),24-trien-3-one. **Ganoderiol F**

CAS Registry Number: 114567-47-4

Molecular Formula: C₃₀H₄₆O₃

Molecular Weight: 454.692

Accurate Mass: 454.344695

Percentage Composition: C 79.25%; H 10.20%; O 10.56%

Biological Source: Metab. of *Ganoderma lucidum*

Physical Description: Pale yellow plates (CHCl₃/MeOH)

Melting Point: Mp 116-120°

Optical Rotation: [α]_D²¹+42 (c, 0.1 in MeOH)

References:

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

Arisawa, M. *et al.*, *J. Nat. Prod.*, 1986, **49**, 621; 1988, **51**, 54, (*isol*, *pmr*, *cmr*)

Nishitoba, T. *et al.*, *Agric. Biol. Chem.*, 1988, **52**, 367, (*Ganoderiol F*)