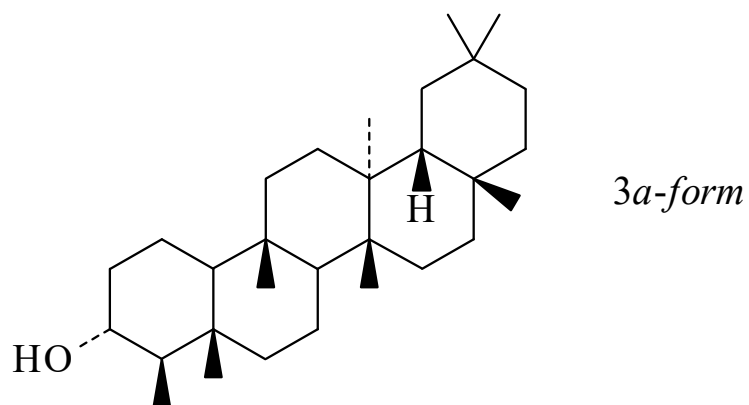




>>Entry Name: 3-Friedelanol



Molecular Formula: C₃₀H₅₂O

Molecular Weight: 428.74

Accurate Mass: 428.401815

Percentage Composition: C 84.04%; H 12.22%; O 3.73%

>>Variant: 3 α -form

Synonym(s): Friedelanol

CAS Registry Number: 5085-72-3

Molecular Formula: C₃₀H₅₂O

Molecular Weight: 428.74

Accurate Mass: 428.401815

Percentage Composition: C 84.04%; H 12.22%; O 3.73%

Biological Source: Widespread in plants e.g. *Euonymus radicans*, *Euonymus japonicus*, *Balanops australiana*, *Quercus* spp. and *Euphorbia* spp.

Physical Description: Cryst.

Melting Point: Mp 302-304°

Optical Rotation: [α]_D +18 (c, 0.3 in CHCl₃)

>>Derivative: Ac

CAS Registry Number: 7372-20-5

Molecular Formula: C₃₂H₅₄O₂

Molecular Weight: 470.777

Accurate Mass: 470.41238

Percentage Composition: C 81.64%; H 11.56%; O 6.80%

Biological Source: Constit. of *Castanopsis* spp. and other plants

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 316-318°

Optical Rotation: [α]_D -12 (c, 1 in CHCl₃)

>>Derivative: Me ether

Synonym(s): 3 α -Methoxyfriedelane

CAS Registry Number: 87638-69-5

Molecular Formula: C₃₁H₅₄O

Molecular Weight: 442.767

Accurate Mass: 442.417465

Percentage Composition: C 84.09%; H 12.29%; O 3.61%

Biological Source: Isol. from leaves of *Humboldtia laurifolia*

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 301°

Optical Rotation: [α]_D -25 (CHCl₃)