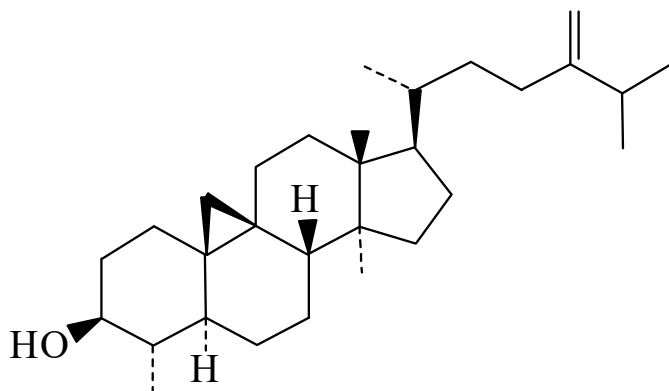




>>Entry Name: Cycloeucalenol

Synonym(s): 4 α ,14-Dimethyl-9,19-cyclo-5 α ,9 β -ergost-24(28)-en-3 β -ol, 9Cl. 4 α ,14,24-Trimethyl-9,19-cyclo-5 α ,9 β -cholest-24(28)-en-3 β -ol. 24-Methylene-29-norcycloartan-3 β -ol



CAS Registry Number: 469-39-6

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Constit. of *Eucalyptus microcorys*, *Erythrophleum guineense*, *Swietenia mahagoni*, *Tristania conferta*, *Cephalosphaera usambarensis* and other plants

Physical Description: Cryst. (petrol)

Melting Point: Mp 138-139°

Optical Rotation: [α]_D +45 (CHCl₃)

>>Derivative: Ac

Synonym(s): Cycloeucalenyl acetate

CAS Registry Number: 10376-42-8

Molecular Formula: C₃₂H₅₂O₂

Molecular Weight: 468.762

Accurate Mass: 468.39673

Percentage Composition: C 81.99%; H 11.18%; O 6.83%

Biological Source: Isol. from ferns *Polypodium* spp.

Melting Point: Mp 108-109°

Optical Rotation: [α]_D +55

>>Derivative: 3-O-(4-Hydroxy-3-methoxycinnamoyl) (E-)

Synonym(s): Jatrocurin

CAS Registry Number: 156555-51-0

Molecular Formula: C₄₀H₅₈O₄

Molecular Weight: 602.896

Accurate Mass: 602.43351

Percentage Composition: C 79.69%; H 9.70%; O 10.62%

Biological Source: Constit. of *Jatropha curcas*

>>Derivative: 3-O- β -D-Glucopyranoside

Molecular Formula: C₃₆H₆₀O₆

Molecular Weight: 588.866

Accurate Mass: 588.43899

Percentage Composition: C 73.43%; H 10.27%; O 16.30%

Biological Source: Constit. of *Cedrela odorata*

Physical Description: Amorph. solid

Melting Point: Mp 231-234°

Optical Rotation: [α]_D +24.7 (c, 0.14 in MeOH)