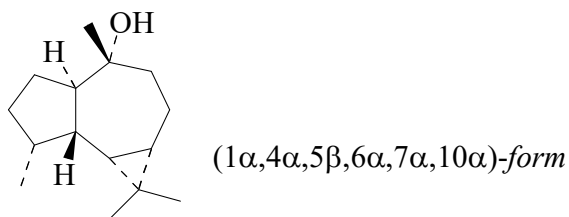




>>Entry Name: 10-Aromadendranol

Synonym(s): Decahydro-1,1,4,7-tetramethyl-1*H*-cycloprop[*e*]azulen-4-ol, 9CI



CAS Registry Number: 19078-39-8

Molecular Formula: C₁₅H₂₆O

Molecular Weight: 222.37

Accurate Mass: 222.198365

Percentage Composition: C 81.02%; H 11.78%; O 7.19%

>>Variant: (1 α ,4 α ,5 β ,6 α ,7 α ,10 α)-form

Synonym(s): Globulol

CAS Registry Number: 489-41-8

Molecular Formula: C₁₅H₂₆O

Molecular Weight: 222.37

Accurate Mass: 222.198365

Percentage Composition: C 81.02%; H 11.78%; O 7.19%

Biological Source: Constit. of *Eucalyptus globulus* and *Thryptomene kochii*. Also from *Eucalyptus eudesmoides*, *Eucalyptus caesia*, *Eucalyptus gongylocarpa*, *Prostanthera sieberi* and *Prostanthera rotundifolia*

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 88.5°

Boiling Point: Bp 283°

Optical Rotation: [α]_D²⁰ -35.3 (CHCl₃)

Fluka: 49070

>>Derivative: *O*- β -D-Fucopyranoside

Synonym(s): Arvoside B

CAS Registry Number: 117305-50-7

Molecular Formula: C₂₁H₃₆O₅

Molecular Weight: 368.512

Accurate Mass: 368.256275

Percentage Composition: C 68.45%; H 9.85%; O 21.71%

Biological Source: Constit. of *Calendula arvensis*

Optical Rotation: [α]_D -35.6 (MeOH aq.)

>>Derivative: *O*-(2-*O*-Acetyl- β -D-fucopyranoside)

CAS Registry Number: 117193-15-4

Molecular Formula: C₂₃H₃₈O₆

Molecular Weight: 410.55

Accurate Mass: 410.26684

Percentage Composition: C 67.29%; H 9.33%; O 23.38%

Biological Source: Constit. of *Calendula arvensis*

Optical Rotation: [α]_D -39.5 (MeOH aq.)

>>Derivative: *O*-[2-Methylpropanoyl-($\rightarrow$ 2)- β -D-fucopyranoside]

Molecular Formula: C₂₅H₄₂O₆

Molecular Weight: 438.603

Accurate Mass: 438.29814

Percentage Composition: C 68.46%; H 9.65%; O 21.89%

Biological Source: Constit. of *Calendula arvensis*

Optical Rotation: [α]_D -39.9 (MeOH)