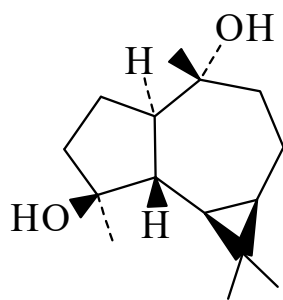




>>Entry Name: 4,10-Aromadendranediol

Synonym(s): 4,10-Dihydroxyaromadendrane



(1 α ,4 β ,5 β ,6 α ,7 α ,10 α)-form

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

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

CAS Registry Number: 70051-38-6

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of *Artemisia adamsii*, *Brasilia sickii* and *Sinularia mayi*

Physical Description: Cryst.

Melting Point: Mp 132°

Optical Rotation: [α]_D²⁴ -17 (c, 0.1 in CHCl₃)

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

CAS Registry Number: 70051-37-5

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of *Baccharis dracunculifolia* and *Aristolochia heterophylla*

Physical Description: Cryst.

Melting Point: Mp 136-137°

Optical Rotation: [α]_D -20.2 (c, 0.24 in CHCl₃)

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

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>Derivative: 10-Me ether

Synonym(s): 10-Methoxy-4-aromadendranol

CAS Registry Number: 279680-98-7

Molecular Formula: C₁₆H₂₈O₂

Molecular Weight: 252.396

Accurate Mass: 252.20893

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Biological Source: Constit. of *Lepicolea ochroleuca*

Physical Description: Oil

Optical Rotation: [α]_D +9.2 (c, 0.085 in CH₂Cl₂)