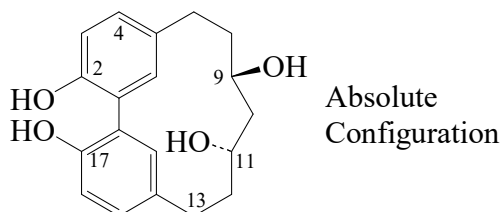




>>Entry Name: **Alnusdiol**

Synonym(s): Tricyclo[12.3.1.1^{2,6}]nonadeca-1(18),2,4,6(19),14,16-hexaene-3,9,11,17-tetrol, 9C1



CAS Registry Number: 56973-51-4

Molecular Formula: C₁₉H₂₂O₄

Molecular Weight: 314.38

Accurate Mass: 314.15181

Percentage Composition: C 72.59%; H 7.05%; O 20.36%

Biological Source: Constit. of the wood of *Alnus japonica*

Melting Point: Mp 300°

Optical Rotation: [α]_D -46.7 (c, 0.52 in EtOH)

>>Derivative: Tetra-Ac

CAS Registry Number: 56973-67-2

Molecular Formula: C₂₇H₃₀O₈

Molecular Weight: 482.529

Percentage Composition: C 67.21%; H 6.27%; O 26.53%

Melting Point: Mp 159-162°

>>Derivative: 11-O-β-D-Glucopyranoside

Molecular Formula: C₂₅H₃₂O₉

Molecular Weight: 476.522

Accurate Mass: 476.204635

Percentage Composition: C 63.01%; H 6.77%; O 30.22%

Biological Source: Constit. of *Betula maximowicziana*

Physical Description: Pale brown powder

Optical Rotation: [α]_D -26 (c, 0.8 in MeOH)

UV: [neutral] λ_{max} 250 (log ε 4.05); 254 (log ε 4.03); 299 (log ε 3.77) (MeOH)