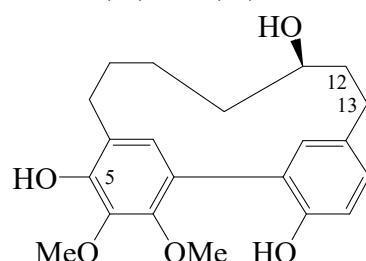




>>Entry Name: Myricanol

Synonym(s): 16,17-Dimethoxytricyclo[12.3.1.1^{2,6}]nonadeca-1(18),2,4,6(19),14,16-hexaene-3,9,15-triol, 9Cl



Absolute
Configuration

CAS Registry Number: 33606-81-4

Molecular Formula: C₂₁H₂₆O₅

Molecular Weight: 358.433

Accurate Mass: 358.178025

Percentage Composition: C 70.37%; H 7.31%; O 22.32%

Biological Source: Constit. of the stem bark of *Myrica nagi*

Physical Description: Needles (Et₂O)

Melting Point: Mp 105-125°

Optical Rotation: $[\alpha]_D^{27} -65.5$ (CHCl₃)

>>Derivative: Ketone

Synonym(s): Myricanone

CAS Registry Number: 32492-74-3

Molecular Formula: C₂₁H₂₄O₅

Molecular Weight: 356.418

Accurate Mass: 356.162375

Percentage Composition: C 70.77%; H 6.79%; O 22.44%

Biological Source: Constit. of the stem bark of *Myrica nagi*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 194-196°

>>Derivative: Ketone, 5-deoxy

Synonym(s): 5-Deoxymyricanone

CAS Registry Number: 110007-10-8

Molecular Formula: C₂₁H₂₄O₄

Molecular Weight: 340.418

Accurate Mass: 340.16746

Percentage Composition: C 74.09%; H 7.11%; O 18.80%

Biological Source: Isol. from bacterial galls of *Myrica rubra*

Physical Description: Amorph.

>>Derivative: Ketone, 12-hydroxy

Synonym(s): Hydroxymyricanone

Molecular Formula: C₂₁H₂₄O₆

Molecular Weight: 372.417

Accurate Mass: 372.15729

Percentage Composition: C 67.73%; H 6.50%; O 25.78%

Biological Source: Constit. of *Myrica gale* (Myricaceae)

Physical Description: Powder

Optical Rotation: $[\alpha]_D -6.1$ (c, 0.5 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 213 (ϵ 35480); 257 (ϵ 10230); 294 (ϵ 6920) (MeOH)

>>Derivative: Ketone, 12-hydroxy, 5-O- β -D-glucopyranoside

Synonym(s): Myricatomentoside II

CAS Registry Number: 191999-63-0