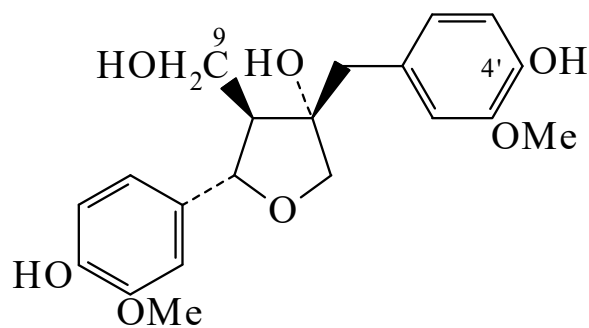




>>Entry Name: Olivil

Synonym(s): 4,4',8',9'-Tetrahydroxy-3,3'-dimethoxy-7,9'-cyclo lignan. Vladinol C



CAS Registry Number: 2955-23-9

Molecular Formula: C₂₀H₂₄O₇

Molecular Weight: 376.405

Accurate Mass: 376.152205

Percentage Composition: C 63.82%; H 6.43%; O 29.75%

Biological Source: Isol. from olive wood resin, *Abies tazaotana* and *Olea africana*. Also from underground parts of *Vladimiria souliei*

Physical Description: Cryst. + 1H₂O (H₂O)

Melting Point: Mp 127° (105°). Mp 142-143° (anhyd.)

Optical Rotation: $[\alpha]_D^{20} -127$

>>Derivative: 9-O-Ac

Synonym(s): Icariresinol

CAS Registry Number: 56440-71-2

Molecular Formula: C₂₂H₂₆O₈

Molecular Weight: 418.443

Accurate Mass: 418.16277

Percentage Composition: C 63.15%; H 6.26%; O 30.59%

Biological Source: Constit. of *Epimedium grandiflorum*

>>Derivative: Di-Me ether

Molecular Formula: C₂₂H₂₈O₇

Molecular Weight: 404.459

Percentage Composition: C 65.33%; H 6.98%; O 27.69%

Physical Description: Cryst.

Melting Point: Mp 156°

>>Derivative: 4-O-β-D-Glucopyranoside

CAS Registry Number: 56440-73-4

Molecular Formula: C₂₆H₃₄O₁₂

Molecular Weight: 538.547

Accurate Mass: 538.20503

Percentage Composition: C 57.99%; H 6.36%; O 35.65%

Biological Source: Constit. of *Cerbera* sp. and *Eucommia ulmoides*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{23} -33.3$ (c, 1 in MeOH)

UV: [neutral] $\lambda_{\max}$ 229 (); 279 () (MeOH)

>>Derivative: 4'-O-β-D-Glucopyranoside

CAS Registry Number: 76880-93-8

Molecular Formula: C₂₆H₃₄O₁₂

Molecular Weight: 538.547

Accurate Mass: 538.20503

Percentage Composition: C 57.99%; H 6.36%; O 35.65%

Biological Source: Constit. of *Cerbera* sp., *Epimedium* sp., *Ligustrum* spp., *Syringa* sp. and other plant spp.

Optical Rotation: $[\alpha]_D^{23} -22.7$ (c, 1.0 in MeOH)

>>Derivative: 9-O-[β-D-Apiofuranosyl-(1→6)-β-D-glucopyranoside]

Synonym(s): Yemuoside YM₂