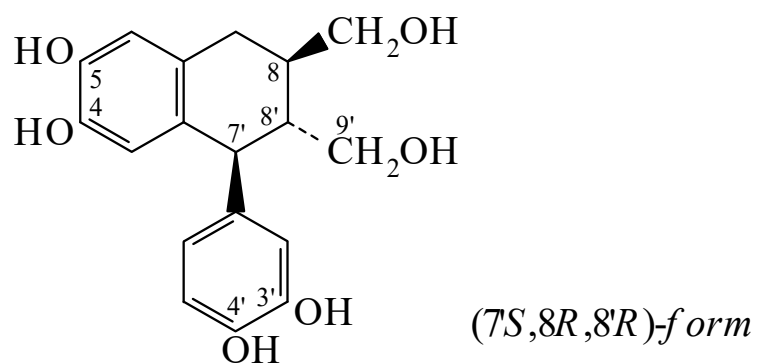




>>Entry Name: 3',4,4',5,9,9'-Hexahydroxy-2,7'-cyclolignan
ENTRY UNDER REVIEW



Molecular Formula: C₁₈H₂₀O₆
Molecular Weight: 332.352
Accurate Mass: 332.12599
Percentage Composition: C 65.05%; H 6.07%; O 28.88%

>>Variant: (7'S,8R,8'R)-form

Molecular Formula: C₁₈H₂₀O₆
Molecular Weight: 332.352
Accurate Mass: 332.12599
Percentage Composition: C 65.05%; H 6.07%; O 28.88%

>>Derivative: 5-Me ether

Synonym(s): 3',4,4',9,9'-Pentahydroxy-5-methoxy-2,7'-cyclolignan. **Isotaxiresinol**

CAS Registry Number: 26194-57-0

Molecular Formula: C₁₉H₂₂O₆
Molecular Weight: 346.379
Accurate Mass: 346.14164
Percentage Composition: C 65.88%; H 6.40%; O 27.71%
Biological Source: Constit. of *Taxus baccata*, *Taxus cuspidata*, *Fitzroya cupressoides* and *Justicia* sp.
Physical Description: Cryst. (AcOH aq.)
Melting Point: Mp 171°
UV: [neutral] λ_{max} 227 (); 285 () (MeOH) (Berdy)
Other Data: Optical activity not recorded

>>Derivative: 3',5-Di-Me ether

Synonym(s): 4,4',9,9'-Tetrahydroxy-3',5-dimethoxy-2,7'-cyclolignan. **Isolariciresinol**. α-Conidendryl alcohol

CAS Registry Number: 548-29-8

Molecular Formula: C₂₀H₂₄O₆
Molecular Weight: 360.406
Accurate Mass: 360.15729
Percentage Composition: C 66.65%; H 6.71%; O 26.64%
Biological Source: Constit. of *Fitzroya cupressoides* and *Picea excelsa*
Physical Description: Needles (CHCl₃/MeOH)
Melting Point: Mp 157-158°
Optical Rotation: [α]_D²² +69.5 (c, 1.19 in Me₂CO)

>>Derivative: 3',5-Di-Me ether, 9'-O-sulfate

Synonym(s): Isolariciresinol 9'-O-sulfate

Molecular Formula: C₂₀H₂₄O₉S
Molecular Weight: 440.47
Accurate Mass: 440.114105
Percentage Composition: C 54.54%; H 5.49%; O 32.69%; S 7.28%
Biological Source: Constit. of the leaves of *Myrsine seguinii*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 185-195 dec.°