CAS Registry Number: 145748-07-8

Molecular Formula: $C_{26}H_{34}O_{11}$
Molecular Weight: 522.548
Accurate Mass: 522.210115
Percentage Composition: C 59.76%; H 6.56%; O 33.68%
Biological Source: Constit. of Riesling wine
Physical Description: Amorph. solid

>>**Derivative:** 3',5-Di-Me ether, 9'-*O*-α-L-arabinofuranoside
Synonym(s): Isolariciresinol 9'-*O*-α-L-arabinofuranoside

CAS Registry Number: 63358-10-1
Extra CAS Registry Numbers(s): 62080-75-5

Molecular Formula: $C_{25}H_{32}O_{10}$
Molecular Weight: 492.522
Accurate Mass: 492.19955
Percentage Composition: C 60.97%; H 6.55%; O 32.48%
Biological Source: Constit. of *Pinus massoniana* and *Pinus sylvestris*
Physical Description: Amorph.
Optical Rotation: $[\alpha]_D^{20}$ –36.8 (c, 1 in EtOH)

>>**Derivative:** 3',5-Di-Me ether, 9'-*O*-β-D-xylopyranoside
Synonym(s): Schizandriside

CAS Registry Number: 71222-06-5

Molecular Formula: $C_{25}H_{32}O_{10}$
Molecular Weight: 492.522
Accurate Mass: 492.19955
Percentage Composition: C 60.97%; H 6.55%; O 32.48%
Biological Source: Constit. of *Schizandra nigra, Pinus massoniana* and *Picea abies*
Physical Description: Cryst.
Melting Point: Mp 225-226°
Optical Rotation: $[\alpha]_D^{27}$ +28.3 (c, 0.52 in EtOH)

>>**Derivative:** 3',5-Di-Me ether, 9-*O*-β-D-glucopyranoside
Synonym(s): Isolariciresinol 9-*O*-β-D-glucoside

CAS Registry Number: 63358-11-2
Extra CAS Registry Numbers(s): 62080-76-6

Molecular Formula: $C_{26}H_{34}O_{11}$
Molecular Weight: 522.548
Accurate Mass: 522.210115
Percentage Composition: C 59.76%; H 6.56%; O 33.68%
Biological Source: Constit. of *Pinus massoniana* and *Pinus sylvestris*
Physical Description: Amorph.
Optical Rotation: $[\alpha]_D^{20}$ +8 (c, 0.9 in EtOH)

>>**Derivative:** 3',5-Di-Me ether, 9'-*O*-β-D-glucopyranoside
Synonym(s): Isolariciresinol 9'-*O*-β-D-glucoside

CAS Registry Number: 63358-12-3

Molecular Formula: $C_{26}H_{34}O_{11}$
Molecular Weight: 522.548
Accurate Mass: 522.210115
Percentage Composition: C 59.76%; H 6.56%; O 33.68%
Biological Source: Constit. of Scots pine (*Pinus sylvestris*) needles and *Myrsine seguinii*
Physical Description: Needles (MeOH)
Melting Point: Mp 135-138°
Optical Rotation: $[\alpha]_D^{23}$ +45.4 (c, 0.8 in MeOH)