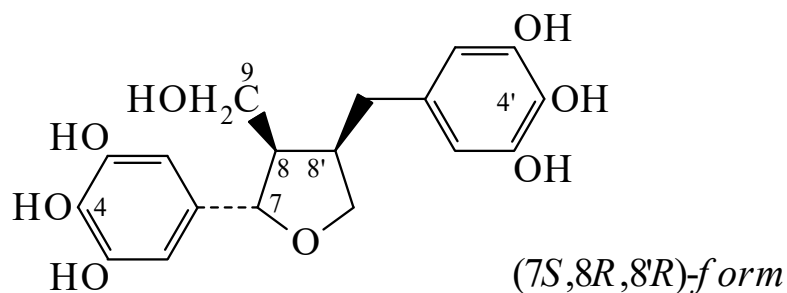




>>Entry Name: 3,3',4,4',5,5',9-Heptahydroxy-7,9'-epoxylignan



Molecular Formula: C₁₈H₂₀O₈

Molecular Weight: 364.351

Accurate Mass: 364.11582

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

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

Molecular Formula: C₁₈H₂₀O₈

Molecular Weight: 364.351

Accurate Mass: 364.11582

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

>>Derivative: 3,4-Methylene, 3',4',5,5'-tetra-Me ether

Synonym(s): 9-Hydroxy-3,3',4',5'-tetramethoxy-3,4-methylenedioxy-7,9'-epoxylignan. **Dihydrosesartemin**

CAS Registry Number: 94608-21-6

Molecular Formula: C₂₃H₂₈O₈

Molecular Weight: 432.469

Accurate Mass: 432.17842

Percentage Composition: C 63.88%; H 6.53%; O 29.60%

Biological Source: Isol. from *Virola elongata*

Physical Description: Oil

Optical Rotation: [α]_D²⁵+11.8 (CHCl₃)

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

Synonym(s): 4,4',9-Trihydroxy-3,3',5,5'-tetramethoxy-7,9'-epoxylignan. **5,5'-Dimethoxylariciresinol**

CAS Registry Number: 116498-58-9

Molecular Formula: C₂₂H₂₈O₈

Molecular Weight: 420.458

Accurate Mass: 420.17842

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Biological Source: Isol. from *Bauhinia manca* and *Virola elongata*

Physical Description: Cryst.

Melting Point: Mp 124-126°

Optical Rotation: [α]_D²¹+5 (c, 0.27 in MeOH)

>>Derivative: 3,3',5,5'-Tetra-Me ether, 4,4'-di-*O*- β -D-glucopyranoside

Synonym(s): **Salvadoraside**

CAS Registry Number: 143522-30-9

Molecular Formula: C₃₄H₄₈O₁₈

Molecular Weight: 744.742

Accurate Mass: 744.28407

Percentage Composition: C 54.83%; H 6.50%; O 38.67%

Biological Source: Isol. from stems of *Salvadora persica*

Physical Description: Powder

Optical Rotation: [α]_D²³-82 (c, 0.025 in DMSO)