Optical Rotation: $[\alpha]_D^{28}$ –16.6 (c, 6.7 in $CHCl_3$)
UV: [neutral] λ_{max} 228 (); 280 () (MeOH)

>>**Derivative:** 3,3',4,4',9-Penta-Me ether
Synonym(s): 9-Hydroxy-3,3',4,4',9'-pentamethoxylignan. **Secoisolariciresinol trimethyl ether**

Molecular Formula: $C_{23}H_{32}O_6$
Molecular Weight: 404.502
Accurate Mass: 404.21989
Percentage Composition: C 68.29%; H 7.97%; O 23.73%
Biological Source: Isol. from *Phyllanthus niruri*
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{28}$ –2.3 ($CHCl_3$)

>>**Derivative:** Hexa-Me ether
Synonym(s): 3,3',4,4',9,9'-Hexamethoxylignan. **Phyllanthin‡.** Tetra-*O*-methylsecoisolariciresinol

CAS Registry Number: 10351-88-9

Molecular Formula: $C_{24}H_{34}O_6$
Molecular Weight: 418.529
Accurate Mass: 418.23554
Percentage Composition: C 68.88%; H 8.19%; O 22.94%
Biological Source: Isol. from *Phyllanthus niruri*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 96° (118°)
Optical Rotation: $[\alpha]_D^{30}$ +12.42 (c, 1.45 in $CHCl_3$)
UV: [neutral] λ_{max} 230 (ε 19950); 280 (ε 141) (EtOH) (Berdy)

>>**Derivative:** 3',4'-Methylene, 3-Me ether, 9,9'-di-Ac
Synonym(s): 9,9'-Diacetoxy-4-hydroxy-3-methoxy-3',4'-methylenedioxylignan. **Justin A**

Molecular Formula: $C_{24}H_{28}O_8$
Molecular Weight: 444.48
Accurate Mass: 444.17842
Percentage Composition: C 64.85%; H 6.35%; O 28.80%
Biological Source: Constit. of *Justicia procumbens*
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{28}$ –20 (c, 0.1 in $CHCl_3$)
UV: [neutral] λ_{max} 235 (); 285 () (MeOH)

>>**Derivative:** 3,4-Methylene, 3',4'-di-Me ether
Synonym(s): 9,9'-Dihydroxy-3,4-dimethoxy-3',4'-methylenedioxylignan. **9,9'-Demethylsecolintetralin**

Molecular Formula: $C_{21}H_{26}O_6$
Molecular Weight: 374.433
Accurate Mass: 374.17294
Percentage Composition: C 67.36%; H 7.00%; O 25.64%
Biological Source: Isol. from *Phyllanthus niruri*
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{20}$ –1.6 (c, 1.3 in $CHCl_3$)
Other Data: Abs. config. requires confirmation

>>**Derivative:** 3,4-Methylene, 3',4'-di-Me ether, 9,9'-di-Ac
Synonym(s): 9,9'-Diacetoxy-3',4'-dimethoxy-3,4-methylenedioxylignan

Molecular Formula: $C_{25}H_{30}O_8$
Molecular Weight: 458.507
Accurate Mass: 458.19407
Percentage Composition: C 65.49%; H 6.59%; O 27.92%
Biological Source: Constit. of *Justicia procumbens*
Physical Description: Prisms
Melting Point: Mp 52-54°
Optical Rotation: $[\alpha]_D^{28}$ –9.6 (c, 2.2 in $CHCl_3$)