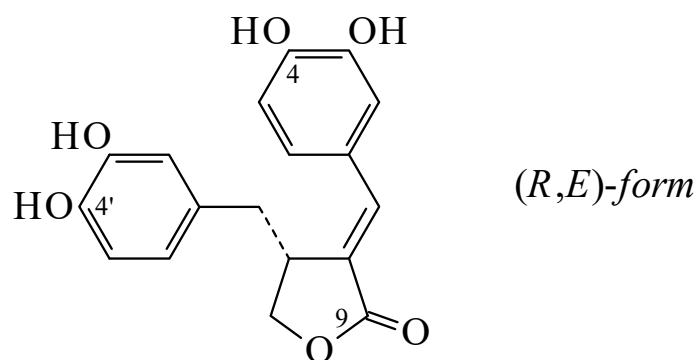




>>Entry Name: 3,3',4,4'-Tetrahydroxylign-7-en-9,9'-olide



Molecular Formula: C₁₈H₁₆O₆

Molecular Weight: 328.321

Accurate Mass: 328.09469

Percentage Composition: C 65.85%; H 4.91%; O 29.24%

>>Variant: (R,E)-form

Molecular Formula: C₁₈H₁₆O₆

Molecular Weight: 328.321

Accurate Mass: 328.09469

Percentage Composition: C 65.85%; H 4.91%; O 29.24%

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

Synonym(s): 4,4'-Dihydroxy-3,3'-dimethoxylign-7-en-9,9'-olide. **Isosalicifolin**

CAS Registry Number: 156974-99-1

Molecular Formula: C₂₀H₂₀O₆

Molecular Weight: 356.374

Accurate Mass: 356.12599

Percentage Composition: C 67.41%; H 5.66%; O 26.94%

Biological Source: Constit. of the leaves of *Bupleurum salicifolium* (Apiaceae)

Physical Description: Yellow oil

Optical Rotation: $[\alpha]_D^{20} -26.5$ (c, 0.07 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 234 (); 290 (); 336 () (EtOH)

>>Derivative: 3,3',4'-Tri-Me ether

Synonym(s): 4-Hydroxy-3,3',4'-trimethoxylign-7-en-9,9'-olide. **7,8-Didehydroarctigenin**

CAS Registry Number: 76015-62-8

Extra CAS Registry Numbers(s): 160661-33-6

Molecular Formula: C₂₁H₂₂O₆

Molecular Weight: 370.401

Accurate Mass: 370.14164

Percentage Composition: C 68.10%; H 5.99%; O 25.92%

Biological Source: Constit. of *Cheirlophus x hortigenus*, *Ptilostemon gnaphaloides*, *Ptilostemon afer* and *Ptilostemon diacanthum* (Compositae)

Physical Description: Gum or oil

Optical Rotation: $[\alpha]_D -25$ (c, 1.7 in CHCl₃). $[\alpha]_D^{24} -58.3$ (c. 0.7 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 288 (); 300 (sh) (); 332 () (MeOH)

Other Data: Probable config.

>>Derivative: Tetra-Me ether

Synonym(s): 3,3',4,4'-Tetramethoxylign-7-en-9,9'-olide

CAS Registry Number: 112820-15-2

Molecular Formula: C₂₂H₂₄O₆

Molecular Weight: 384.428

Accurate Mass: 384.15729

Percentage Composition: C 68.74%; H 6.29%; O 24.97%

Biological Source: Constit. of *Viola elongata*

Physical Description: Oil