



Molecular Formula: C₁₈H₁₈O₇
Molecular Weight: 346.336
Accurate Mass: 346.105255
Percentage Composition: C 62.42%; H 5.24%; O 32.34%
Physical Description: Needles (C₆H₆/petrol)
Melting Point: Mp 162-162.5°

>>Derivative: 9-Angeloyl, 10-Ac
Synonym(s): (±)-Praeruptorin A. Pd-Ia

CAS Registry Number: 73069-25-7

Molecular Formula: C₂₁H₂₂O₇
Molecular Weight: 386.401
Accurate Mass: 386.136555
Percentage Composition: C 65.28%; H 5.74%; O 28.98%
Biological Source: Constit. of *Peucedanum praeruptorum*
Biological Use/Importance: Has calcium antagonistic activity
Physical Description: Cryst.
Melting Point: Mp 156-158° (145-147.5°)
Optical Rotation: [α]_D +3.3 (CHCl₃)

>>Derivative: 10-Tigloyl

Molecular Formula: C₁₉H₂₀O₆
Molecular Weight: 344.363
Accurate Mass: 344.12599
Percentage Composition: C 66.27%; H 5.85%; O 27.88%
Biological Source: Constit. of *Peucedanum japonicum* (Umbelliferae)
Physical Description: Needles (EtOAc)
Melting Point: Mp 188-192°

>>Derivative: 10-Tigloyl, 9-Ac

Molecular Formula: C₂₁H₂₂O₇
Molecular Weight: 386.401
Accurate Mass: 386.136555
Percentage Composition: C 65.28%; H 5.74%; O 28.98%
Biological Source: Constit. of *Peucedanum japonicum* (Umbelliferae)
Physical Description: Prisms (Et₂O)
Melting Point: Mp 124-126°
UV: [neutral] λ_{max} 205 (ε 61660); 221 (sh) (ε 31600); 247 (sh) (ε 7080); 258 (sh) (ε 5370); 296 (sh) (ε 10700); 324 (ε 17780) (EtOH)

>>Variant: (9*RS*,10*SR*)-form

Synonym(s): (±)-*trans*-form

CAS Registry Number: 4968-31-4

Molecular Formula: C₁₄H₁₄O₅
Molecular Weight: 262.262
Accurate Mass: 262.084125
Percentage Composition: C 64.12%; H 5.38%; O 30.50%
Biological Source: Constit. of *Peucedanum turgeniifolium*
Physical Description: Cryst. (Me₂CO/petrol)
Melting Point: Mp 184.5-186°

>>Derivative: Di-Ac

CAS Registry Number: 15575-69-6
Molecular Formula: C₁₈H₁₈O₇
Molecular Weight: 346.336
Accurate Mass: 346.105255
Percentage Composition: C 62.42%; H 5.24%; O 32.34%
Physical Description: Cryst. (Me₂CO aq. or C₆H₆/petrol)
Melting Point: Mp 157-161°. Mp 170-178°