



Percentage Composition: C 76.40%; H 8.33%; O 15.27%

Biological Source: Constit. of *Chamaecyparis obtusa*

Physical Description: Needles (Et₂O/hexane)

Melting Point: Mp 157-159°

Optical Rotation: $[\alpha]_D^{24} +224$ (c, 0.66 in CHCl₃)

>>**Variant:** 3β-form

Synonym(s): Hinokiol. Taiwanin D

CAS Registry Number: 564-73-8

Molecular Formula: C₂₀H₃₀O₂

Molecular Weight: 302.456

Accurate Mass: 302.22458

Percentage Composition: C 79.42%; H 10.00%; O 10.58%

Biological Source: Constit. of various woods including *Cupressus* spp., *Tetraclinis* spp. and *Taiwania cryptomeroides*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 234-235°

Optical Rotation: $[\alpha]_D^{20} +74.4$ (CHCl₃)

>>**Derivative:** 3-Ac

CAS Registry Number: 61494-68-6

Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Biological Source: Constit. of *Cunninghamia konishii*

Physical Description: Pale yellow oil

Optical Rotation: $[\alpha]_D^{25} +62.9$ (c, 0.21 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 205 (log ϵ 4.36); 225 (sh) (log ϵ 3.88); 282 (log ϵ 3.42) (MeOH)

>>**Derivative:** 3-Benzoyl

Synonym(s): 3-*O*-Benzoylhinokiol

Molecular Formula: C₂₇H₃₄O₃

Molecular Weight: 406.564

Accurate Mass: 406.250795

Percentage Composition: C 79.77%; H 8.43%; O 11.81%

Biological Source: Constit. of *Hoslundia opposita*

Physical Description: Pale yellow powder

Optical Rotation: $[\alpha]_D^{21} +68$ (c, 0.2 in CHCl₃)

References:

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