



>>Derivative: 4'',7''-Di-Me ether

Synonym(s): Cryptomerin B

CAS Registry Number: 22012-98-2

Molecular Formula: C₃₂H₂₂O₁₀

Molecular Weight: 566.52

Accurate Mass: 566.1213

Percentage Composition: C 67.84%; H 3.91%; O 28.24%

Biological Source: From *Cryptomeria japonica*

Use/Importance: Yellow prisms (Py)

Melting Point: Mp 302-303 dec.°

>>Derivative: 7,7''-Di-Me ether

Synonym(s): Chamaecyparin. Chamecyparin

CAS Registry Number: 20931-35-5

Molecular Formula: C₃₂H₂₂O₁₀

Molecular Weight: 566.52

Accurate Mass: 566.1213

Percentage Composition: C 67.84%; H 3.91%; O 28.24%

Biological Source: From *Cryptomeria pisifera* and *Cryptomeria obtusa*

Physical Description: Amorph.

>>Derivative: 2,3-Dihydro

Synonym(s): 2,3-Dihydrohinokiflavone

CAS Registry Number: 34292-87-0

Molecular Formula: C₃₀H₂₀O₁₀

Molecular Weight: 540.482

Accurate Mass: 540.10565

Percentage Composition: C 66.67%; H 3.73%; O 29.60%

Biological Source: Isol. from leaves of *Cycas* spp. and *Metasequoia glyptostroboides*

Physical Description: Light yellow needles (Py aq.)

Melting Point: Mp 314-315°

>>Derivative: 2,3-Dihydro, penta-Ac

CAS Registry Number: 34293-16-8

Molecular Formula: C₄₀H₃₀O₁₅

Molecular Weight: 750.668

Percentage Composition: C 64.00%; H 4.03%; O 31.97%

Physical Description: Needles (EtOAc)

Melting Point: Mp 223-225°

>>Derivative: 2'',3''-Dihydro(*S*-), 7''-Me ether

Synonym(s): 2'',3''-Dihydroisocryptomerin

Molecular Formula: C₃₁H₂₂O₁₀

Molecular Weight: 554.509

Accurate Mass: 554.1213

Percentage Composition: C 67.15%; H 4.00%; O 28.85%

Biological Source: Constit. of the leaves of *Selaginella willdenowii*

Physical Description: Amorph. yellow powder

Melting Point: Mp 213-215 dec.°

Optical Rotation: $[\alpha]_D^{25} +24$ (c, 0.3 in DMSO)