



Synonym(s): Boehmenan D

CAS Registry Number: 171674-62-7

Molecular Formula: C₄₁H₄₂O₁₃

Molecular Weight: 742.775

Accurate Mass: 742.262545

Percentage Composition: C 66.30%; H 5.70%; O 28.00%

Biological Source: Constit. of *Ochroma lagopus*

>> **Variant:** (7'S,8'R)-form

Synonym(s): (+)-*trans*-form

Molecular Formula: C₁₈H₂₀O₆

Molecular Weight: 332.352

Accurate Mass: 332.12599

Percentage Composition: C 65.05%; H 6.07%; O 28.88%

>> **Derivative:** 3'-Me ether

Synonym(s): Cedrusin

CAS Registry Number: 75775-36-9

Molecular Formula: C₁₉H₂₂O₆

Molecular Weight: 346.379

Accurate Mass: 346.14164

Percentage Composition: C 65.88%; H 6.40%; O 27.71%

Biological Source: Constit. of *Cedrus deodara*, *Eucommia ulmoides*, *Pinus* spp. and *Tsuga chinensis*

Physical Description: Powder

Optical Rotation: [α]_D +4.39 (c, 0.91 in MeOH)

>> **Derivative:** 3'-Me ether, 5-*O*- β -D-glucopyranoside

Synonym(s): Clemastanin A

CAS Registry Number: 172670-47-2

Molecular Formula: C₂₅H₃₂O₁₁

Molecular Weight: 508.521

Accurate Mass: 508.194465

Percentage Composition: C 59.05%; H 6.34%; O 34.61%

Biological Source: Constit. of the roots of *Clematis stans*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁰ -44.3 (c, 1.2 in MeOH)

>> **Derivative:** 3',4'-Di-Me ether

Synonym(s): 4-O-Methylcedrusin

CAS Registry Number: 149340-29-4

Molecular Formula: C₂₀H₂₄O₆

Molecular Weight: 360.406

Accurate Mass: 360.15729

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Biological Source: Constit. of *Croton* spp.

>> **Derivative:** 3',5-Di-Me ether

CAS Registry Number: 28199-69-1

Molecular Formula: C₂₀H₂₄O₆

Molecular Weight: 360.406

Accurate Mass: 360.15729

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Biological Source: Constit. of *Eucommia ulmoides* and *Licaria chrysophylla*

Physical Description: Needles (Me₂CO aq.)

Melting Point: Mp 102-103°