



Biological Source: Isol. from *Plagiomnium cuspidatum*

>>Derivative: 2",3"-Dihydro, 3',5'''-dihydroxy (S-)

Synonym(s): 2,3-Dihydro-3''',5'-dihydroxyamentoflavone

CAS Registry Number: 122475-59-6

Molecular Formula: C₃₀H₂₀O₁₂

Molecular Weight: 572.481

Accurate Mass: 572.09548

Percentage Composition: C 62.94%; H 3.52%; O 33.54%

Biological Source: Isol. from *Plagiomnium cuspidatum*

>>Derivative: 2,2",3,3"-Tetrahydro

Synonym(s): 4',4''',5,5'',7,7"-Hexahydroxy-3''',8-biflavanone. **Tetrahydroamentoflavone.** 3',8"-Binaringenin

CAS Registry Number: 48236-96-0

Molecular Formula: C₃₀H₂₂O₁₀

Molecular Weight: 542.498

Accurate Mass: 542.1213

Percentage Composition: C 66.42%; H 4.09%; O 29.49%

Biological Source: Constit. of *Semecarpus prainii* and others

Physical Description: Powder

Melting Point: Mp 234-238°

Optical Rotation: [α]_D²³ -19 (c, 0.68 in MeOH)

Other Data: Has (2*S*,2''*S*)-config.

>>Derivative: 2,2",3,3"-Tetrahydro, 7-Me ether

CAS Registry Number: 99339-73-8

Molecular Formula: C₃₁H₂₄O₁₀

Molecular Weight: 556.525

Accurate Mass: 556.13695

Percentage Composition: C 66.90%; H 4.35%; O 28.75%

Biological Source: Constit. of *Ochna pumila*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 154°