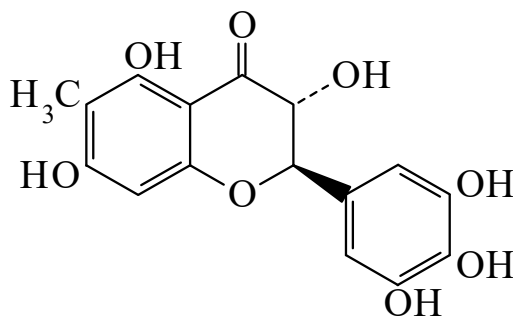




>>Entry Name: 3,3',4',5,5',7-Hexahydroxy-6-methylflavanone

Synonym(s): 2,3-Dihydro-3,5,7-trihydroxy-6-methyl-2-(3,4,5-trihydroxyphenyl)-4H-1-benzopyran-4-one, 9Cl. 3',4',5,5',7-Pentahydroxydihydroflavonol. **Cedrin**. 6-C-Methyldihydromyricetin



Molecular Formula: C₁₆H₁₄O₈

Molecular Weight: 334.282

Accurate Mass: 334.06887

Percentage Composition: C 57.49%; H 4.22%; O 38.29%

>>Variant: (2*R*,3*R*)-form

CAS Registry Number: 75513-81-4

Molecular Formula: C₁₆H₁₄O₈

Molecular Weight: 334.282

Accurate Mass: 334.06887

Percentage Composition: C 57.49%; H 4.22%; O 38.29%

Biological Source: Isol. from *Cedrus deodara*

Melting Point: Mp 165°

>>Derivative: 3'-O-β-D-Glucopyranoside

Synonym(s): Cedrinoside

CAS Registry Number: 75423-03-9

Molecular Formula: C₂₂H₂₄O₁₃

Molecular Weight: 496.424

Accurate Mass: 496.121695

Percentage Composition: C 53.23%; H 4.87%; O 41.90%

Biological Source: Isol. from *Cedrus deodara*

Melting Point: Mp 245-248°

Optical Rotation: [α]_D +18.08 (c, 0.94 in MeOH)

References:

Agrawal, P.K. *et al.*, *Phytochemistry*, 1980, **19**, 893, (*isol*)

Agrawal, P.K. *et al.*, *Planta Med.*, 1981, **43**, 82, (*cmr*)