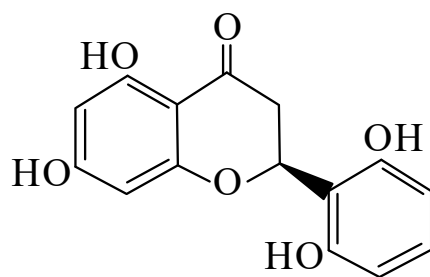




>>Entry Name: 2',5,6',7-Tetrahydroxyflavanone



CAS Registry Number: 104125-36-2

Molecular Formula: C₁₅H₁₂O₆

Molecular Weight: 288.256

Accurate Mass: 288.06339

Percentage Composition: C 62.50%; H 4.20%; O 33.30%

>>Variant: (S)-form

CAS Registry Number: 80604-16-6

Molecular Formula: C₁₅H₁₂O₆

Molecular Weight: 288.256

Accurate Mass: 288.06339

Percentage Composition: C 62.50%; H 4.20%; O 33.30%

Biological Source: Isol. from dried roots of *Scutellaria baicalensis* and from the drug *Scutellaria Radix*

Physical Description: Prisms (EtOAc/hexane)

Melting Point: Mp 240 dec.°

Optical Rotation: $[\alpha]_D^{22} +6.13$ (c, 1.02 in MeOH)

>>Derivative: 5-Me ether

Synonym(s): 2',6',7-Trihydroxy-5-methoxyflavanone

CAS Registry Number: 92519-96-5

Molecular Formula: C₁₆H₁₄O₆

Molecular Weight: 302.283

Accurate Mass: 302.07904

Percentage Composition: C 63.57%; H 4.67%; O 31.76%

Biological Source: Isol. from *Scutellaria baicalensis*

Melting Point: Mp 211 dec.°

>>Derivative: 7-Me ether

Synonym(s): 2',5,6'-Trihydroxy-7-methoxyflavanone. **Scuteamoenin**

CAS Registry Number: 129138-49-4

Molecular Formula: C₁₆H₁₄O₆

Molecular Weight: 302.283

Accurate Mass: 302.07904

Percentage Composition: C 63.57%; H 4.67%; O 31.76%

Biological Source: Constit. of the roots of *Scutellaria amoena*

>>Derivative: 7-Me ether, 2'-O-β-D-glucopyranoside

Synonym(s): **Scuteamoenoside**

CAS Registry Number: 123914-35-2

Molecular Formula: C₂₂H₂₄O₁₁

Molecular Weight: 464.425

Accurate Mass: 464.131865

Percentage Composition: C 56.90%; H 5.21%; O 37.89%

Biological Source: Constit. of the roots of *Scutellaria amoena*

References: