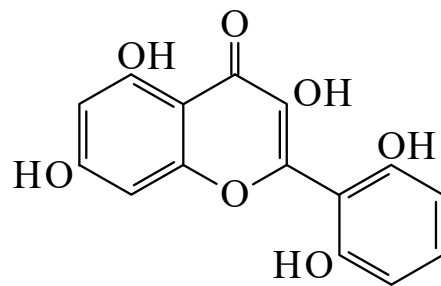




>>Entry Name: 2',3,5,6',7-Pentahydroxyflavone

Synonym(s): 2-(2,6-Dihydroxyphenyl)-3,5,7-trihydroxy-4*H*-1-benzopyran-4-one. 2',5,6',7-Tetrahydroxyflavonol. **Viscidulin I**



CAS Registry Number: 92519-95-4

Molecular Formula: C₁₅H₁₀O₇

Molecular Weight: 302.24

Accurate Mass: 302.042655

Percentage Composition: C 59.61%; H 3.33%; O 37.06%

Biological Source: Isol. from *Scutellaria* spp.

Melting Point: Mp 293 dec.°

>>Derivative: 2'-*O*-β-D-Glucopyranoside

CAS Registry Number: 172428-47-6

Molecular Formula: C₂₁H₂₀O₁₂

Molecular Weight: 464.382

Accurate Mass: 464.09548

Percentage Composition: C 54.32%; H 4.34%; O 41.34%

Biological Source: Constit. of *Scutellaria baicalensis*

References:

Tomimori, T. *et al.*, *Yakugaku Zasshi*, 1984, **104**, 529, (*isol*)

Liu, M. *et al.*, *CA*, 1985, **102**, 3235; 218383; 1988, **108**, 201784, (*isol*)

Miyaichi, Y. *et al.*, *Nat. Med. (Tokyo)*, 1995, **49**, 350, (2'-glucoside)