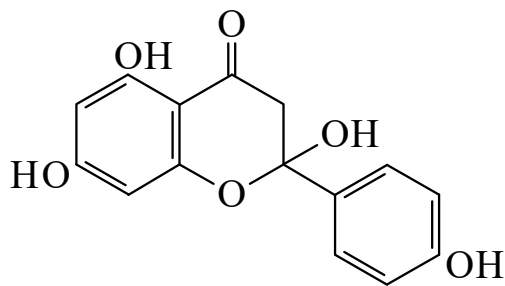




>>Entry Name: 2,4',5,7-Tetrahydroxyflavanone

Synonym(s): 2,3-Dihydro-2,5,7-trihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one, 9Cl. 2-Hydroxynaringenin



CAS Registry Number: 58124-18-8

Related CAS Registry Numbers(s): 131023-26-2

Molecular Formula: C₁₅H₁₂O₆

Molecular Weight: 288.256

Accurate Mass: 288.06339

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

Biological Source: Constit. of the bark of *Prunus avium*

Other Data: Dec. > 340°

>>Derivative: 7-O-β-D-Glucopyranoside

Molecular Formula: C₂₁H₂₂O₁₁

Molecular Weight: 450.398

Accurate Mass: 450.116215

Percentage Composition: C 56.00%; H 4.92%; O 39.08%

Biological Source: Constit. of *Berchemia formosana*

Other Data: Not indexed in CA

References:

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Kerscher, F. *et al.*, *Z. Naturforsch., C*, 1987, **42**, 519

Bayer, O., *Gartenbauwissenschaft*, 1989, **54**, 138, (*occur*)

Britsch, L., *Arch. Biochem. Biophys.*, 1990, **282**, 152, (*synth*)

Lee, S.-S. *et al.*, *J. Chin. Chem. Soc. (Taipei)*, 1995, **42**, 101, (*7-glucoside*)