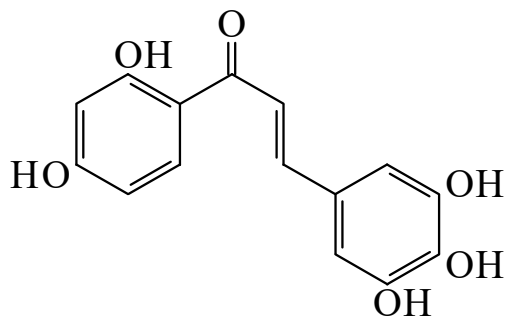




>>Entry Name: 2',3,4,4',5-Pentahydroxychalcone

Synonym(s): 1-(2,4-Dihydroxyphenyl)-3-(3,4,5-trihydroxyphenyl)-2-propen-1-one, 9Cl. **Robtein**



CAS Registry Number: 2679-65-4

Molecular Formula: C₁₅H₁₂O₆

Molecular Weight: 288.256

Accurate Mass: 288.06339

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

Biological Source: From heartwood of *Robinia pseudacacia* and from *Acacia* sp.

Physical Description: Yellow cryst.

Melting Point: Mp 345° (darkens from 280°)

>>Derivative: Penta-Ac

Molecular Formula: C₂₅H₂₂O₁₁

Molecular Weight: 498.442

Percentage Composition: C 60.24%; H 4.45%; O 35.31%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 124-126°

References:

Roux, D.G. *et al.*, *Biochem. J.*, 1962, **82**, 324; **84**, 416; 1963, **87**, 167, (*isol, uv*)