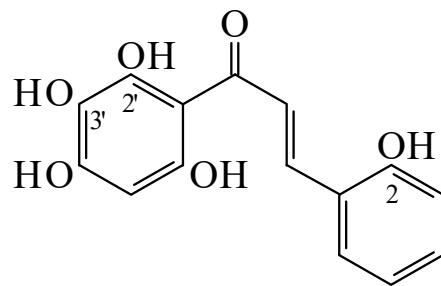




>>Entry Name: 2,2',3',4',6'-Pentahydroxychalcone

Synonym(s): 3-(2-Hydroxyphenyl)-1-(2,3,4,6-tetrahydroxyphenyl)-2-propen-1-one



Molecular Formula: C₁₅H₁₂O₆

Molecular Weight: 288.256

Accurate Mass: 288.06339

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

>>Derivative: 2,2',3'-Tri-Me ether

Synonym(s): 4',6'-Dihydroxy-2,2',3'-trimethoxychalcone. 1-(4,6-Dihydroxy-2,3-dimethoxyphenyl)-3-(2-methoxyphenyl)-2-propen-1-one

CAS Registry Number: 100079-39-8

Molecular Formula: C₁₈H₁₈O₆

Molecular Weight: 330.337

Accurate Mass: 330.11034

Percentage Composition: C 65.45%; H 5.49%; O 29.06%

Biological Source: Isol. from *Scutellaria discolor*

Physical Description: Yellow needles (MeOH)

Melting Point: Mp 134 dec.°

References:

Tomimori, T. *et al.*, *Chem. Pharm. Bull.*, 1985, **33**, 4457