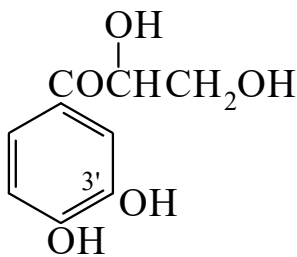




>>Entry Name: 1-(3,4-Dihydroxyphenyl)-2,3-dihydroxy-1-propanone

Synonym(s): 2,3,3',4'-Tetrahydroxypropiophenone



Molecular Formula: C₉H₁₀O₅

Molecular Weight: 198.175

Accurate Mass: 198.052825

Percentage Composition: C 54.55%; H 5.09%; O 40.37%

>>Derivative: 3'-Me ether

Synonym(s): 2,3-Dihydroxy-1-(4-hydroxy-3-methoxyphenyl)-1-propanone. 2,3,4'-Trihydroxy-3'-methoxypropiophenone. C-Veratroylglycol

CAS Registry Number: 168293-10-5

Type of Compound Code(s): VG0060 VG0035

Molecular Formula: C₁₀H₁₂O₅

Molecular Weight: 212.202

Accurate Mass: 212.068475

Percentage Composition: C 56.60%; H 5.70%; O 37.70%

Biological Source: Constit. of *Cassia laevigata*, *Endospermum diadenum* and from Riesling wine

Physical Description: Gum

UV: [neutral] λ_{max} 207 (); 231 (); 279 (); 306 () (MeOH)

References:

Kijjjoa, A. *et al.*, *Phytochemistry*, 1995, **40**, 191-193, (*isol*, *pmr*)

Jones, L. *et al.*, *Fitoterapia*, 2000, **71**, 580-583, (*isol*, *pmr*, *cmr*)

Baderschneider, B. *et al.*, *J. Agric. Food Chem.*, 2001, **49**, 2788-2798, (*isol*, *pmr*, *cmr*)