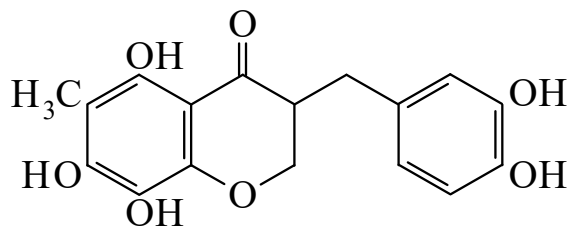




>>Entry Name: 3-(3,4-Dihydroxybenzyl)-5,7,8-trihydroxy-6-methyl-4-chromanone

Synonym(s): 3-[(3,4-Dihydroxyphenyl)methyl]-2,3-dihydro-5,7,8-trihydroxy-6-methyl-4*H*-1-benzopyran-4-one



Molecular Formula: C₁₇H₁₆O₇

Molecular Weight: 332.309

Accurate Mass: 332.089605

Percentage Composition: C 61.44%; H 4.85%; O 33.70%

>>Variant: (±)-form

Molecular Formula: C₁₇H₁₆O₇

Molecular Weight: 332.309

Accurate Mass: 332.089605

Percentage Composition: C 61.44%; H 4.85%; O 33.70%

>>Derivative: 7,8-Di-Me ether

Synonym(s): 3-(3,4-Dihydroxybenzyl)-5-hydroxy-7,8-dimethoxy-6-methyl-4-chromanone

CAS Registry Number: 149180-48-3

Molecular Formula: C₁₉H₂₀O₇

Molecular Weight: 360.363

Accurate Mass: 360.120905

Percentage Composition: C 63.33%; H 5.59%; O 31.08%

Biological Source: Constit. of *Ophiopogon japonicus*

Physical Description: Yellow syrup

UV: [neutral] λ_{max} 216 (); 286 () (MeOH)

References:

Asano, T. *et al.*, *Chem. Pharm. Bull.*, 1993, **41**, 391, (*isol*, *uv*, *pmr*, *cmr*)