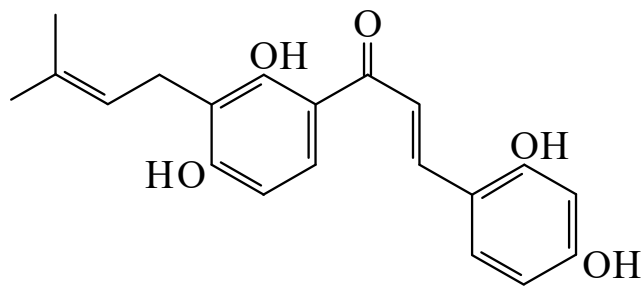




>>Entry Name: **2,2',4,4'-Tetrahydroxy-3'-prenylchalcone**

Synonym(s): 1-[2,4-Dihydroxy-3-(3-methyl-2-butenyl)phenyl]-3-(2,4-dihydroxyphenyl)-2-propen-1-one



Molecular Formula: C₂₀H₂₀O₅

Molecular Weight: 340.375

Accurate Mass: 340.131075

Percentage Composition: C 70.58%; H 5.92%; O 23.50%

>>Variant: (*E*)-form

Synonym(s): **Morachalcone A**

CAS Registry Number: 76472-88-3

Molecular Formula: C₂₀H₂₀O₅

Molecular Weight: 340.375

Accurate Mass: 340.131075

Percentage Composition: C 70.58%; H 5.92%; O 23.50%

Biological Source: Constit. of *Morus alba*

Melting Point: Mp 204-205° (138°)

References:

Takasugi, M. *et al.*, *Chem. Lett.*, 1980, 1573, (*isol*)

Batirov, E.K. *et al.*, *Khim. Prir. Soedin.*, 1987, **23**, 516; *Chem. Nat. Compd. (Engl. Transl.)*, 1987, **23**, 429, (*cmr*)

Hano, Y. *et al.*, *Heterocycles*, 1989, **29**, 807, (*isol*)

Delle Monache, G. *et al.*, *Phytochemistry*, 1995, **39**, 575, (*isol*, *pmr*, *cmr*)