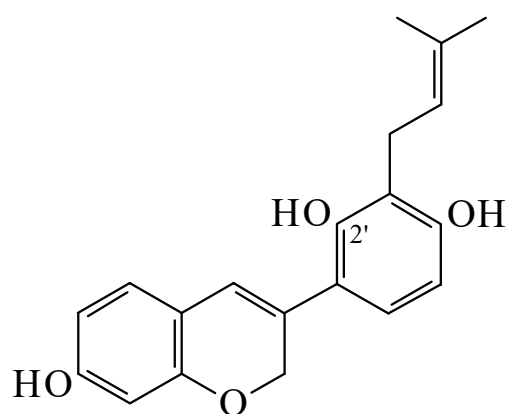




>>Entry Name: 2',4',7-Trihydroxy-3'-prenylisoflavene



Molecular Formula: C₂₀H₂₀O₄

Molecular Weight: 324.376

Accurate Mass: 324.13616

Percentage Composition: C 74.06%; H 6.21%; O 19.73%

>>Derivative: 2'-Me ether

Synonym(s): 4',7-Dihydroxy-2'-methoxy-3'-prenylisoflavene. **Bidwillol A**

CAS Registry Number: 161099-42-9

Molecular Formula: C₂₁H₂₂O₄

Molecular Weight: 338.402

Accurate Mass: 338.15181

Percentage Composition: C 74.54%; H 6.55%; O 18.91%

Biological Source: Constit. of the root bark of *Erythrina x bidwilli* (Leguminosae)

Physical Description: Yellow oil

UV: [neutral] $\lambda_{\max}$ 218 (); 242 (sh) (); 301 (sh) (); 322 () (MeOH) [neutral] $\lambda_{\max}$ 218 (); 322 () (MeOH) (Berdy)

References:

Iinuma, M. *et al.*, *Heterocycles*, 1994, **39**, 687, (*isol, uv, pmr, cmr*)