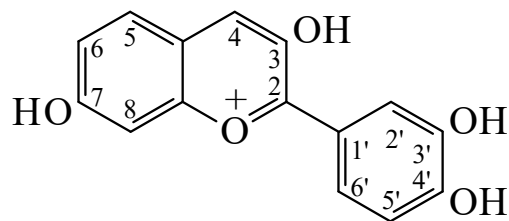




>>Entry Name: 3,3',4',7-Tetrahydroxyflavylium(1+)

Synonym(s): 2-(3,4-Dihydroxyphenyl)-3,7-dihydroxy-1-benzopyrylium(1+), 9Cl. **Fisetinidin**. Fisidin



Molecular Formula: C₁₅H₁₁O₅⁽⁺⁾

Molecular Weight: 271.249

Accurate Mass: 271.06065

Percentage Composition: C 66.42%; H 4.09%; O 29.49%

Biological Source: Isol. from *Acacia saxatilis*, *Acacia baileyana* and *Polygonum* sp.

>>Derivative: Chloride

CAS Registry Number: 2948-76-7

Molecular Formula: C₁₅H₁₁ClO₅

Molecular Weight: 306.702

Accurate Mass: 306.029502

Percentage Composition: C 58.74%; H 3.61%; Cl 11.56%; O 26.08%

Physical Description: Reddish-brown needles with violet sheen

Melting Point: Mp 320°

Other Data: Blue soln. in alkalis

References:

Pratt, D., *J.C.S.*, 1925, **127**, 1136, (*synth*)

Robinson, G.M., *J.C.S.*, 1935, 744, (*synth, deriv*)

King, H.G.C. *et al.*, *J.C.S.*, 1957, 3901, (*synth*)

Fourie, T.G. *et al.*, *Phytochemistry*, 1974, **13**, 2573, (*isol*)

Van der Westerhuizen, J.H. *et al.*, *J.C.S. Perkin I*, 1981, 1220, (*synth*)

Foo, L.Y., *Phytochemistry*, 1984, **23**, 2915, (*isol*)

Yoshitama, K. *et al.*, *Bot. Mag.*, 1987, **100**, 143, (*isol*)