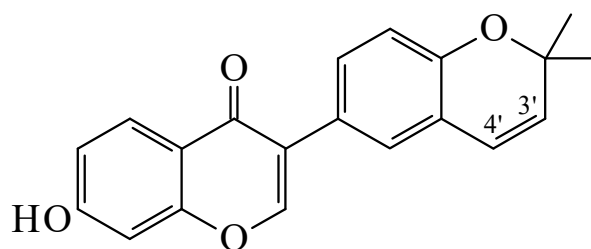




>>Entry Name: Corylin

Synonym(s): 3-(2,2-Dimethyl-2H-1-benzopyran-6-yl)-7-hydroxy-4H-1-benzopyran-4-one, 9CI



CAS Registry Number: 53947-92-5

Molecular Formula: C₂₀H₁₆O₄

Molecular Weight: 320.344

Accurate Mass: 320.10486

Percentage Composition: C 74.99%; H 5.03%; O 19.98%

Biological Source: Constit. of the fruits of *Psoralea corylifolia*

Physical Description: Cream-coloured needles (Me₂CO/petrol)

Melting Point: Mp 238-239°

>>Derivative: 3',4'-Dihydro, 3'-hydroxy

Synonym(s): Psoralenol

CAS Registry Number: 70522-30-4

Molecular Formula: C₂₀H₁₈O₅

Molecular Weight: 338.359

Accurate Mass: 338.115425

Percentage Composition: C 71.00%; H 5.36%; O 23.64%

Biological Source: Isol. from seeds of *Psoralea corylifolia*

Melting Point: Mp 240-242°

>>Derivative: 3',4'-Dihydro, 3'-hydroxy, di-Ac

Melting Point: Mp 175-176°

References:

Jain, A.C. *et al.*, *Indian J. Chem.*, 1974, **12**, 659; 1975, **13**, 789, (*isol, struct*)

Suri, J.L. *et al.*, *Phytochemistry*, 1978, **17**, 2046, (*Psoralenol*)

Antus, S. *et al.*, *Chem. Ber.*, 1979, **112**, 3879, (*synth*)