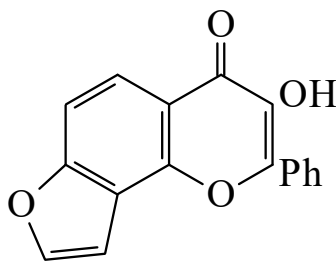




>>Entry Name: **Karanjonol**

Synonym(s): 3-Hydroxy-2-phenyl-4*H*-furo[2,3-*h*]-1-benzopyran-4-one, 9Cl. 7-Hydroxy-6-oxo-8-phenylfuro[3,2-*h*]chromene



CAS Registry Number: 4439-65-0

Molecular Formula: C₁₇H₁₀O₄

Molecular Weight: 278.264

Accurate Mass: 278.05791

Percentage Composition: C 73.38%; H 3.62%; O 23.00%

Biological Source: Isol. from *Pongamia glabra* oil

Melting Point: Mp 192-193°

>>Derivative: Ac

Molecular Formula: C₁₉H₁₂O₅

Molecular Weight: 320.301

Percentage Composition: C 71.25%; H 3.78%; O 24.98%

Use/Importance: Shows antifeedant props.

Melting Point: Mp 175-176°

>>Derivative: Me ether

Synonym(s): Karanjin

CAS Registry Number: 521-88-0

Molecular Formula: C₁₈H₁₂O₄

Molecular Weight: 292.29

Accurate Mass: 292.07356

Percentage Composition: C 73.97%; H 4.14%; O 21.90%

Use/Importance: Shows antifeedant props.

Physical Description: Needles (EtOH)

Melting Point: Mp 158-159°

Sigma: K1634

References:

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