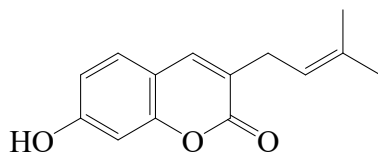




>>Entry Name: 7-Hydroxy-3-(3-methyl-2-butenyl)-2H-1-benzopyran-2-one

Synonym(s): 7-Hydroxy-3-prenylcoumarin



CAS Registry Number: 86654-26-4

Molecular Formula: C₁₄H₁₄O₃

Molecular Weight: 230.263

Accurate Mass: 230.094295

Percentage Composition: C 73.03%; H 6.13%; O 20.84%

Melting Point: Mp 122-123°

>>Derivative: Ac

CAS Registry Number: 86788-58-1

Physical Description: Cryst. (C₆H₆/hexane)

Melting Point: Mp 86-87°

>>Derivative: Me ether

Synonym(s): 7-Methoxy-3-(3-methyl-2-butenyl)-2H-1-benzopyran-2-one. 7-Methoxy-3-prenylcoumarin

CAS Registry Number: 100742-32-3

Molecular Formula: C₁₅H₁₆O₃

Molecular Weight: 244.29

Accurate Mass: 244.109945

Percentage Composition: C 73.75%; H 6.60%; O 19.65%

Biological Source: Constit. of *Sargentia greggii*

Physical Description: Cryst. (Et₂O/heptane)

Melting Point: Mp 126-128°

References:

Swaroop, D. *et al.*, *Indian J. Chem., Sect. B*, 1983, **22**, 105, (*synth, pmr*)

Meyer, B.N. *et al.*, *J. Nat. Prod.*, 1985, **48**, 952, (*isol*)