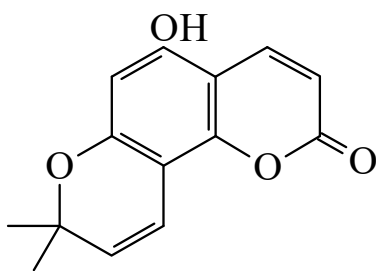




>>Entry Name: 5-Hydroxy-8,8-dimethyl-2*H*,8*H*-benzo[1,2-*b*:3,4-*b'*]dipyrans-2-one, 9Cl

Synonym(s): 5-Hydroxyseselin



Molecular Formula: C₁₄H₁₂O₄

Molecular Weight: 244.246

Accurate Mass: 244.07356

Percentage Composition: C 68.85%; H 4.95%; O 26.20%

Biological Source: Constit. of *Citrus natsudaoidai*

Physical Description: Needles (EtOAc)

Melting Point: Mp 210-213°

>>Derivative: Me ether

Synonym(s): 5-Methoxyseselin

CAS Registry Number: 31525-76-5

Molecular Formula: C₁₅H₁₄O₄

Molecular Weight: 258.273

Accurate Mass: 258.08921

Percentage Composition: C 69.76%; H 5.46%; O 24.78%

Biological Source: Consist. of *Citrus grandis*

Physical Description: Prisms (Et₂O)

Melting Point: Mp 162-164°

References:

Wu, T.S. *et al.*, *Phytochemistry*, 1983, **22**, 1493, (*deriv*)

Murray, R.D.H. *et al.*, *Tetrahedron*, 1984, **40**, 3129, (*synth*)

Ito, C. *et al.*, *Chem. Pharm. Bull.*, 1988, **36**, 3805, (*isol*)