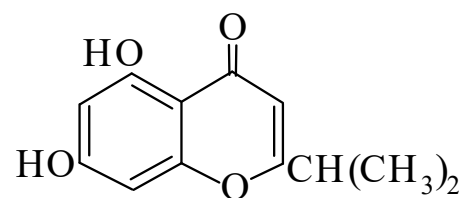




>>Entry Name: 5,7-Dihydroxy-2-isopropyl-4*H*-1-benzopyran-4-one

Synonym(s): 5,7-Dihydroxy-2-(1-methylethyl)-4*H*-1-benzopyran-4-one, 9CI. 5,7-Dihydroxy-2-isopropyl-4-chromenone



CAS Registry Number: 96552-59-9

Molecular Formula: C₁₂H₁₂O₄

Molecular Weight: 220.224

Accurate Mass: 220.07356

Percentage Composition: C 65.45%; H 5.49%; O 29.06%

Biological Source: Constit. of *Helichrysum* spp.

Physical Description: Oil

>>Derivative: 7-Me ether

Synonym(s): 5-Hydroxy-2-isopropyl-7-methoxy-4*H*-1-benzopyran-4-one

Molecular Formula: C₁₃H₁₄O₄

Molecular Weight: 234.251

Accurate Mass: 234.08921

Percentage Composition: C 66.66%; H 6.02%; O 27.32%

Biological Source: Constit. of *Baeckea frutescens*

Physical Description: Pale yellow cryst.

Melting Point: Mp 40-43°

References:

Bohlmann, F. *et al.*, *Planta Med.*, 1984, **50**, 174

Tsui, W.-Y. *et al.*, *Phytochemistry*, 1996, **43**, 873, (*isol*, 7-Me ether)