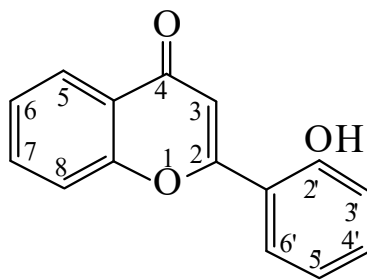




>>Entry Name: 2'-Hydroxyflavone

Synonym(s): 2-(2-Hydroxyphenyl)-4*H*-1-benzopyran-4-one, 9Cl. 2-(2-Hydroxyphenyl)chromone



CAS Registry Number: 35244-11-2

Molecular Formula: C₁₅H₁₀O₃

Molecular Weight: 238.242

Accurate Mass: 238.062995

Percentage Composition: C 75.62%; H 4.23%; O 20.15%

Biological Source: Isol. from exudates of *Primula* spp. and constit. of *Daphnopsis sellowiana*

Physical Description: Plates (EtOH)

Melting Point: Mp 249-250° (246-247°)

>>Derivative: Me ether

Synonym(s): 2'-Methoxyflavone

CAS Registry Number: 19725-47-4

Molecular Formula: C₁₆H₁₂O₃

Molecular Weight: 252.269

Accurate Mass: 252.078645

Percentage Composition: C 76.18%; H 4.79%; O 19.03%

Biological Source: Isol. from *Primula kewensis* and *Pimelea simplex*

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 102-103°

Sigma: M6047

References:

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Gaydou, E.M. *et al.*, *Bull. Soc. Chim. Fr.*, 1978, 43, (*synth*)
Freeman, P.W. *et al.*, *Aust. J. Chem.*, 1981, **34**, 1779, (*2'-Methoxyflavone*)
Guidugli, F.H. *et al.*, *Org. Mass Spectrom.*, 1985, **19**, 502, (*ms*)
Tanaka, T. *et al.*, *Chem. Pharm. Bull.*, 1986, **34**, 1667, (*uv, pmr, ms*)
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