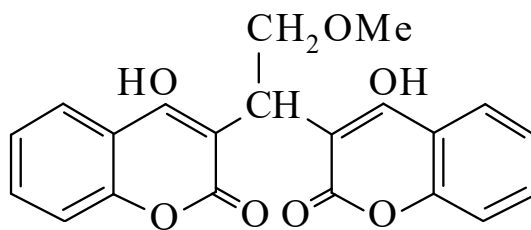




>>Entry Name: Coumetarol, INN

Synonym(s): 3,3'-(2-Methoxyethylidene)bis[4-hydroxy-2*H*-1-benzopyran-2-one], 9Cl. 4,4'-Dihydroxy-3,3'-(2-methoxyethylidene)dicoumarin. **Cumetharol**, BAN. Cumethoxan. Dicoumoxyl. Dicumoxane. Ph 137



CAS Registry Number: 4366-18-1

Molecular Formula: C₂₁H₁₆O₇

Molecular Weight: 380.353

Accurate Mass: 380.089605

Percentage Composition: C 66.31%; H 4.24%; O 29.45%

Use/Importance: Orally active anticoagulant

Physical Description: Cryst. (EtOH)

Development Status: No longer marketed

Melting Point: Mp 156-157°

Calculated Log P Data: Log P 2.71 (calc)

References:

Veldstra, H. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1953, **72**, 358, (*synth*)

Vignalou, J. *et al.*, *Therapie*, 1961, **16**, 143, (*pharmacol*)

Laruelle, C. *et al.*, *Bull. Soc. Chim. Fr.*, 1974, 2111, (*nmr*)

Convert, O. *et al.*, *Org. Magn. Reson.*, 1977, **10**, 220, (*nmr*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 4808