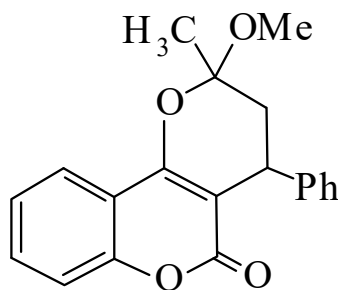




>>Entry Name: Cyclocoumarol, BAN

Synonym(s): 3,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2*H*,5*H*-pyrano[3,2-*c*][1]benzopyran-5-one, 9Cl. Cumopyran. Cyclocoumarol. Anticoagulans 63. BL 5. Link's Compound No. 63. Methanopyranorin. Cumopyrin. Methopyranorin



CAS Registry Number: 518-20-7

Molecular Formula: C₂₀H₁₈O₄

Molecular Weight: 322.36

Accurate Mass: 322.12051

Percentage Composition: C 74.52%; H 5.63%; O 19.85%

Use/Importance: Orally active anticoagulant

Physical Description: Cryst. (EtOH)

Melting Point: Mp 166°

Calculated Log P Data: Log P 3.76 (calc)

Other Data: Opt. active forms are also known

References:

- Ikawa, M. *et al.*, *J.A.C.S.*, 1944, **66**, 902, (*synth*)
Giannini, D.D. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1974, **71**, 4221, (*cmr*)
Valente, E.J. *et al.*, *J. Med. Chem.*, 1977, **21**, 141, (*cd*)
Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 4809
Bush, E. *et al.*, *J. Pharm. Sci.*, 1983, **72**, 830, (*synth*)
Heimark, L.D. *et al.*, *J. Med. Chem.*, 1985, **28**, 503, (*metab*)