



>>Derivative: Me ether

Synonym(s): 7-Methoxy-2-oxo-2H-1-benzopyran-4-acetic acid. 7-Methoxycoumarin-4-acetic acid

CAS Registry Number: 62935-72-2

Molecular Formula: C₁₂H₁₀O₅

Molecular Weight: 234.208

Accurate Mass: 234.052825

Percentage Composition: C 61.54%; H 4.30%; O 34.16%

Physical Description: Prisms (EtOH)

Melting Point: Mp 186°. Mp 193 dec.° (175-176 dec.)

Aldrich: 23519-9

Sigma: M5140

References:

Dey, B.B., *J.C.S.*, 1915, **107**, 1606, (*synth, Et ester*)

Baker, W. *et al.*, *J.C.S.*, 1950, 170, (*synth, Me ether*)

Elderfield, R.C. *et al.*, *J. Med. Chem.*, 1967, **10**, 921, (*Me ester*)

Calvo, J.M. *et al.*, *Anal. Biochem.*, 1969, **28**, 164, (*synth, pmr, uv*)

Shridhar, D.R. *et al.*, *Indian J. Chem., Sect. B*, 1978, **16**, 704, (*synth*)

Krejcovcs, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1979, **44**, 2211, (*synth, pmr, uv, bibl*)

Farinotti, R. *et al.*, *J. Chromatogr.*, 1983, **269**, 81, (*uv, Me ether*)

Nixon, N.S. *et al.*, *Tet. Lett.*, 1983, **24**, 597, (*synth*)

Brubaker, A.N. *et al.*, *J. Med. Chem.*, 1986, **29**, 1094, (*amide*)

Sivakumar, K. *et al.*, *Acta Cryst. C*, 1990, **46**, 1661; 1663, (*cryst struct*)

Baggett, N. *et al.*, *Anal. Chim. Acta*, 1992, **265**, 111, (*hydrazide*)