>>**Entry Name: 3-Methyl-2-benzofurancarboxylic acid,** 9CI
Synonym(s): 3-Methylcoumarilic acid. 3-Methylcoumarone-2-carboxylic acid

CAS Registry Number: 24673-56-1

Molecular Formula: $C_{10}H_8O_3$
Molecular Weight: 176.171
Accurate Mass: 176.047345
Percentage Composition: C 68.18%; H 4.58%; O 27.25%
Physical Description: Needles (EtOH aq.)
Melting Point: Mp 192-194°

>>**Derivative:** Me ester

Molecular Formula: $C_{11}H_{10}O_3$
Molecular Weight: 190.198
Accurate Mass: 190.062995
Percentage Composition: C 69.46%; H 5.30%; O 25.24%
Physical Description: Needles (H_2O)
Melting Point: Mp 70°

>>**Derivative:** Et ester

CAS Registry Number: 22367-82-4
Molecular Formula: $C_{12}H_{12}O_3$
Molecular Weight: 204.225
Accurate Mass: 204.078645
Percentage Composition: C 70.58%; H 5.92%; O 23.50%
Physical Description: Plates (C_6H_6)
Melting Point: Mp 51°
Boiling Point: Bp_{17} 170°

References:

Org. Synth., Coll. Vol., 4, 1963, 590, *(synth)*
Sila, B.*, Pol. J. Chem. (Rocz. Chem.)*, 1969, **43**, 1413, *(synth)*
Topolski, M. *et al.*, *J.O.C.*, 1995, **60**, 5588, *(synth, pmr)*
Bedford, S.B. *et al.*, *J.C.S. Perkin 1*, 1996, 2827, *(synth, Et ester, ir, pmr)*

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