



>>Entry Name: 3-Methyl-2-thiophenecarboxaldehyde

Synonym(s): 2-Formyl-3-methylthiophene

CAS Registry Number: 5834-16-2

Molecular Formula: C₆H₆OS

Molecular Weight: 126.179

Accurate Mass: 126.013935

Percentage Composition: C 57.11%; H 4.79%; O 12.68%; S 25.41%

Boiling Point: Bp₁₅ 100-101°. Bp_{3.5} 84-85°

Aldrich: 16413-5

Fluka: 69375

>>Derivative: Semicarbazone

Melting Point: Mp 194.5-195°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 58A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 600B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1476A, (*ir*)

Campaigne, E. *et al.*, *J.A.C.S.*, 1953, **75**, 989, (*synth*)

Gronowitz, S. *et al.*, *Ark. Kemi*, 1961, **17**, 165, (*synth*)