



>>Entry Name: 5-Methyl-2-thiophenecarboxaldehyde

Synonym(s): 2-Formyl-5-methylthiophene

CAS Registry Number: 13679-70-4

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%

Physical Description: Light-yellow oil

Boiling Point: Bp₁₀ 93-93.5°. Bp_{3,5} 84-85°

Aldrich: M8441-0

Fluka: 69380

Sigma: M8139

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 57C, (*nmr*)

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

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1475D, (*ir*)

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

Hoffman, R.A. *et al.*, *Ark. Kemi*, 1960, **16**, 563, (*pmr*)

Comins, D.L. *et al.*, *J.O.C.*, 1987, **52**, 104, (*synth, pmr*)