



>>Entry Name: 2,3,5,6-Tetrafluorobenzaldehyde

CAS Registry Number: 19842-76-3

Molecular Formula: C₇H₂F₄O

Molecular Weight: 178.086

Accurate Mass: 178.004177

Percentage Composition: C 47.21%; H 1.13%; F 42.67%; O 8.98%

Physical Description: Liq.

Boiling Point: Bp 178°. Bp₇ 59.5-60.5°

Aldrich: 32893-6

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Cryst. (AcOH)

Melting Point: Mp 204 dec.°

>>Derivative: Di-Et acetal

Molecular Formula: C₁₁H₁₂F₄O₂

Molecular Weight: 252.208

Accurate Mass: 252.077342

Percentage Composition: C 52.39%; H 4.80%; F 30.13%; O 12.69%

Physical Description: Liq.

Boiling Point: Bp₅ 87-89°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 971B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1308C, (*ir*)

Castle, M.D. *et al.*, *J.C.S.(C)*, 1968, 1225, (*synth*)

Vysochin, V.I. *et al.*, *J. Gen. Chem. USSR (Engl. Transl.)*, 1969, **39**, 1576, (*synth, ir*)