



>>Entry Name: 2,4-Difluorobenzaldehyde, 9CI

CAS Registry Number: 1550-35-2

Molecular Formula: C₇H₄F₂O

Molecular Weight: 142.105

Accurate Mass: 142.023021

Percentage Composition: C 59.17%; H 2.84%; F 26.74%; O 11.26%

Physical Description: Liq.

Melting Point: Mp 2-3°

Boiling Point: Bp₁₇ 65-66°

Aldrich: 26517-9

Fluka: 36886

Sigma: D6902

>>Derivative: Semicarbazone

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 245°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 951C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1296D, (*ir*)

Inukai, K. *et al.*, *CA*, 1958, **52**, 13265d; 1959, **53**, 10105a, (*synth*)

Lock, G., *Monatsh. Chem.*, 1959, **90**, 680-687, (*synth*)

Yoshida, Y. *et al.*, *Chem. Lett.*, 1988, 1355-1358, (*synth*)

Jeergal, P.R. *et al.*, *Indian J. Pure Appl. Phys.*, 1991, **29**, 752-755, (*ir, uv*)