



CAS Registry Number: 401-67-2

Molecular Formula: C₄H₂F₄O₃

Molecular Weight: 174.052

Accurate Mass: 173.994007

Percentage Composition: C 27.60%; H 1.16%; F 43.66%; O 27.58%

Physical Description: Liq.

Boiling Point: Bp 127°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 791C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 506C, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 589B, (ir)

Aldrich Library of NMR Spectra, **2**, 164C, (pmr)

Henne, A.L. *et al.*, *J.A.C.S.*, 1945, **67**, 918, (synth)

Hughes, D.O. *et al.*, *Acta Cryst. B*, 1972, **28**, 2520, (cryst struct, amide)

Bijen, J. *et al.*, *J. Mol. Struct.*, 1975, **27**, 233, (ed, struct)

Tolman, V., *Coll. Czech. Chem. Comm.*, 1977, **42**, 2537, (esters, synth)

van Eijck, B.P. *et al.*, *J. Mol. Spectrosc.*, 1983, **98**, 282, (conformn, microwave)

Luz, M.C. *et al.*, *Org. Prep. Proced. Int.*, 1987, **19**, 468, (synth)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DKF200

Bretherick, L., *Handbook of Reactive Chemical Hazards*, 4th edn., Butterworths, 1990, 0666