



>>Entry Name: 1,3,5-Trifluorobenzene

CAS Registry Number: 372-38-3

Molecular Formula: C₆H₃F₃

Molecular Weight: 132.085

Accurate Mass: 132.018684

Percentage Composition: C 54.56%; H 2.29%; F 43.15%

Physical Description: Liq.

Melting Point: Mp 5.5°

Boiling Point: Bp 75.5°

Density: d₄²⁰ 1.277

Aldrich: 19685-1

Fluka: 91704

Sigma: T9522

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1008B, (*ir*)

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 115A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 936C, (*ir*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1951, **73**, 153-155, (*synth*)

Eaton, V.J. *et al.*, *Spectrochim. Acta A*, 1976, **32**, 663, (*ir*)

Wray, V. *et al.*, *J. Magn. Reson.*, 1977, **27**, 1-21, (*pmr, cmr, F-19 nmr*)

Thalladi, V.R. *et al.*, *J.A.C.S.*, 1998, **120**, 8702-8710, (*cryst struct*)