



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

CAS Registry Number: 769-39-1

Molecular Formula: C₆H₂F₄O

Molecular Weight: 166.075

Accurate Mass: 166.004177

Percentage Composition: C 43.39%; H 1.21%; F 45.76%; O 9.63%

Physical Description: Cryst.

Melting Point: Mp 30°

Boiling Point: Bp 146.5°

Aldrich: 19678-9

>>Derivative: Me ether

Synonym(s): 1,2,4,5-Tetrafluoro-3-methoxybenzene. 2,3,5,6-Tetrafluoroanisole

CAS Registry Number: 2324-98-3

Molecular Formula: C₇H₄F₄O

Molecular Weight: 180.102

Accurate Mass: 180.019827

Percentage Composition: C 46.68%; H 2.24%; F 42.19%; O 8.88%

Boiling Point: Bp 138°

Aldrich: 19676-2

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 205A; 293A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1051C; 1099D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 983B; 1035D, (*ir*)

Wall, L.A. *et al.*, *J. Res. Natl. Bur. Stand., Sect. A*, 1963, **67**, 481, (*synth*)

Brooke, G.M. *et al.*, *J.C.S.*, 1965, 2088, (*synth*)

Brooke, G.M. *et al.*, *J.C.S.(C)*, 1967, 869, (*synth*)