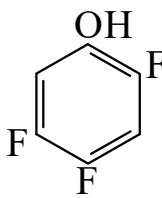




>>Entry Name: 2,4,5-Trifluorophenol



CAS Registry Number: 2268-16-8

Molecular Formula: C₆H₃F₃O

Molecular Weight: 148.084

Accurate Mass: 148.013599

Percentage Composition: C 48.67%; H 2.04%; F 38.49%; O 10.80%

Physical Description: Cryst.

Melting Point: Mp 42°

Aldrich: 34579-2

>>Derivative: Me ether

Synonym(s): 1-Methoxy-2,4,5-trifluorobenzene. 2,4,5-Trifluoroanisole

CAS Registry Number: 5006-38-2

Molecular Formula: C₇H₅F₃O

Molecular Weight: 162.111

Accurate Mass: 162.029249

Percentage Composition: C 51.86%; H 3.11%; F 35.16%; O 9.87%

Physical Description: Cryst.

Melting Point: Mp 35-37°

Boiling Point: Bp 158°

Aldrich: 37142-4

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 204C; 287A, (*nmr*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1959, **81**, 94, (*synth*)

Burdon, J. *et al.*, *J.C.S.*, 1965, 6326, (*deriv*)

Bolton, R. *et al.*, *J.C.S. Perkin 2*, 1978, 137, (*synth*)