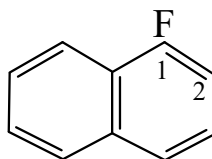




>>Entry Name: 1-Fluoronaphthalene

Synonym(s): α -Fluoronaphthalene



CAS Registry Number: 321-38-0

Molecular Formula: $C_{10}H_7F$

Molecular Weight: 146.164

Accurate Mass: 146.053178

Percentage Composition: C 82.17%; H 4.83%; F 13.00%

Melting Point: Mp -9°

Boiling Point: Bp 212° . Bp₁₁ 80°

Density: d_4^{15} 1.133

Aldrich: 19665-7

Fluka: 47120

Rare Chemicals Library: S41827-7

Sigma: F6002

Supelco: R43-4030

>>Derivative: Picrate

Melting Point: Mp 113°

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 167A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1027A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 958D, (*ir*)

Nakata, N., *Ber.*, 1931, **64**, 2059

Schiemann, G. *et al.*, *Annalen*, 1931, **487**, 270

Allen, E.C. *et al.*, *J.C.S.*, 1932, 760

Karlsson, H., *Acta Chem. Scand.*, 1973, **27**, 1435

Rabinovitz, M. *et al.*, *J. Fluorine Chem.*, 1977, **10**, 159, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, FKK000