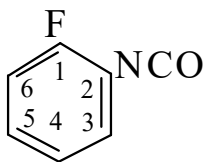




>>Entry Name: 1-Fluoro-2-isocyanatobenzene, 9CI

Synonym(s): 2-Fluorophenyl isocyanate



CAS Registry Number: 16744-98-2

Molecular Formula: C₇H₄FNO

Molecular Weight: 137.113

Accurate Mass: 137.027692

Percentage Composition: C 61.32%; H 2.94%; F 13.86%; N 10.22%; O 11.67%

Physical Description: Moisture-sensitive liq.

Boiling Point: Bp₁₈ 65°

Density: d₄²⁰ 1.222

Refractive Index: n_D²⁰ 1.5124

Hazard & Toxicity: Lachrymator

Aldrich: 15935-2

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1564A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 472A, (*ir*)

Sigma-Aldrich Library of Chemical Safety Data, 1st Ed., 970D, (*haz*)

Malichenko, B.F. *et al.*, *Zh. Obshch. Khim.*, 1967, **37**, 1796; *J. Gen. Chem. USSR (Engl. Transl.)*, 1967, **37**, 1711, (*synth*)