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>>Entry Name: 1,2,4-Trifluoro-5-nitrobenzene, 9Cl

CAS Registry Number: 2105-61-5

Molecular Formula: C<sub>6</sub>H<sub>2</sub>F<sub>3</sub>NO<sub>2</sub>

Molecular Weight: 177.082

Accurate Mass: 177.003763

Percentage Composition: C 40.70%; H 1.14%; F 32.19%; N 7.91%; O 18.07%

Melting Point: Mp -11°

Boiling Point: Bp 192°. Bp<sub>20</sub> 93.5°

Density: d<sub>4</sub><sup>20</sup> 1.54

Refractive Index: n<sub>D</sub><sup>20</sup> 1.4943

**Hazard & Toxicity:** Lachrymatory

Aldrich: 25897-0

Rare Chemicals Library: S64343-2

**References:**

*Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **2**, 768C, (*nmr*)

*Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 1379A, (*ir*)

*Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 1216C, (*ir*)

*Sigma-Aldrich Library of Chemical Safety Data*, 1st Ed., 1769A

Weygand, F. *et al.*, *Chem. Ber.*, 1951, **84**, 101, (*synth*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1951, **73**, 145, (*synth*)

Bolton, R. *et al.*, *J.C.S. Perkin 2*, 1978, 141, (*F-19 nmr*)