



>>Entry Name: 1,3,5-Trifluoro-2-nitrobenzene, 9Cl

CAS Registry Number: 315-14-0

Molecular Formula: C₆H₂F₃NO₂

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%

Use/Importance: Shows nematocidal properties

Physical Description: Pale yellow liquid

Melting Point: Mp 3.5°

Boiling Point: Bp 172°. Bp₂₀ 81°

Refractive Index: n_D²⁰ 1.4783

Aldrich: 26180-7

Rare Chemicals Library: S64342-4

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 759C, (*nmr*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1951, **73**, 153, (*synth*)

U.S. Pat., 1966, 3 294 629; *CA*, **66**, 54566, (*use*)

Biamond, J. *et al.*, *Chem. Phys.*, 1973, **1**, 335, (*pmr, F-19 nmr*)

Correll, T. *et al.*, *J. Mol. Struct.*, 1980, **65**, 43, (*microwave*)