



>>Entry Name: *N,N*-Diisopropylaminoethyl chloride

Synonym(s): *N*-(2-Chloroethyl)-*N*-(1-methylethyl)-2-propanamine, 9Cl

CAS Registry Number: 96-79-7

$[(\text{H}_3\text{C})_2\text{CH}]_2\text{NCH}_2\text{CH}_2\text{Cl}$

Molecular Formula: $\text{C}_8\text{H}_{18}\text{ClN}$

Molecular Weight: 163.69

Accurate Mass: 163.112776

Percentage Composition: C 58.70%; H 11.08%; Cl 21.66%; N 8.56%

Use/Importance: Intermed. for chemical warfare agents

Physical Description: Liq.

Boiling Point: Bp_{13} 66-67°

>>Derivative: Hydrochloride

CAS Registry Number: 4261-68-1

Physical Description: Cryst. solid (C_6H_6)

Melting Point: Mp 133-135° (132°)

Aldrich: D12520-2

Fluka: 38330

Sigma: D6386

References:

Wright, J.B. *et al.*, *J.A.C.S.*, 1950, **72**, 3536, (*synth*)

Buczkowski, Z. *et al.*, *CA*, 1972, **77**, 163730s, (*pmr*)

Dyer, R.L. *et al.*, *J. Labelled Compd. Radiopharm.*, 1980, **17**, 345, (*synth*, *pmr*, *ir*)

Japan. Pat., 1988, 63 297 347; *CA*, **110**, 212118j, (*synth*)

Wils, E.R.J., *Fresenius' Z. Anal. Chem.*, 1990, **338**, 22, (*ms*)