



>>Entry Name: 2-Chloro-1-propylamine, 8Cl

Synonym(s): 2-Chloro-1-propanamine, 9Cl. 1-Amino-2-chloropropane

CAS Registry Number: 14753-25-4

Related CAS Registry Numbers(s): 138373-82-7

$\text{H}_3\text{CCHClCH}_2\text{NH}_2$

Molecular Formula: $\text{C}_3\text{H}_8\text{ClN}$

Molecular Weight: 93.556

Accurate Mass: 93.034526

Percentage Composition: C 38.52%; H 8.62%; Cl 37.89%; N 14.97%

>>Variant: ($\pm$)-form

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Molecular Weight: 93.556

Accurate Mass: 93.034526

Percentage Composition: C 38.52%; H 8.62%; Cl 37.89%; N 14.97%

>>Derivative: Hydrochloride

CAS Registry Number: 6266-35-9

Physical Description: Cryst. (EtOH)

Melting Point: Mp 187-190° (180-181°)

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 137031-97-1

Extra CAS Registry Numbers(s): 108-14-5

Molecular Formula: $\text{C}_5\text{H}_{12}\text{ClN}$

Molecular Weight: 121.609

Accurate Mass: 121.065826

Percentage Composition: C 49.38%; H 9.95%; Cl 29.15%; N 11.52%

Boiling Point: Bp₁₁₀ 60-63°

>>Derivative: *N,N*-Di-Me; hydrochloride

CAS Registry Number: 26112-49-2

Extra CAS Registry Numbers(s): 4584-49-0

Physical Description: Cryst.

Melting Point: Mp 186°

References:

Jones, G.D. *et al.*, *J.O.C.*, 1944, **9**, 125, (*synth*)

Schaefer, F.C. *et al.*, *J.A.C.S.*, 1955, **77**, 5928, (*synth*)

Akerfeldt, S., *Acta Chem. Scand.*, 1966, **20**, 1783, (*synth*)