



>>Entry Name: *N*-Ethylpropylamine

Synonym(s): *N*-Ethyl-1-propanamine, 9Cl

CAS Registry Number: 20193-20-8

$\text{H}_3\text{CCH}_2\text{CH}_2\text{NHEt}$

Molecular Formula: $\text{C}_5\text{H}_{13}\text{N}$

Molecular Weight: 87.164

Accurate Mass: 87.104799

Percentage Composition: C 68.90%; H 15.03%; N 16.07%

Physical Description: Liq.

Boiling Point: Bp 79.8°

Solubility: Spar. sol. H_2O

>>Derivative: Hydrochloride

Melting Point: Mp 225-226°

>>Derivative: *N*-Nitroso

CAS Registry Number: 25413-61-0

Molecular Formula: $\text{C}_5\text{H}_{12}\text{N}_2\text{O}$

Molecular Weight: 116.163

Accurate Mass: 116.094963

Percentage Composition: C 51.70%; H 10.41%; N 24.12%; O 13.77%

Boiling Point: Bp 195°

References:

Campbell, K.N. *et al.*, *J.A.C.S.*, 1944, **66**, 82, (*synth*)