



>>Entry Name: **3,3,3-Trifluoro-1-propylamine**

Synonym(s): 3,3,3-Trifluoro-1-propanamine, 9Cl. 3-Amino-1,1,1-trifluoropropane

CAS Registry Number: 460-39-9

$\text{F}_3\text{CCH}_2\text{CH}_2\text{NH}_2$

Molecular Formula: $\text{C}_3\text{H}_6\text{F}_3\text{N}$

Molecular Weight: 113.082

Accurate Mass: 113.045233

Percentage Composition: C 31.86%; H 5.35%; F 50.40%; N 12.39%

Physical Description: Liq.

Boiling Point: Bp_{744} 67.8°

Density: d_4^{30} 1.16

>>Derivative: Hydrochloride

Melting Point: Mp 222-225°

References:

Henne, A.L. *et al.*, *J.A.C.S.*, 1955, **77**, 1901, (*synth*)

Hoffman, R.V. *et al.*, *J.A.C.S.*, 1988, **110**, 4019, (*synth*)