



>>Entry Name: 2-Fluoroethylamine, 8Cl

Synonym(s): 2-Fluoroethanamine, 9Cl

CAS Registry Number: 406-34-8

FCH2CH2NH2

Molecular Formula: C_2H_6FN

Molecular Weight: 63.075

Accurate Mass: 63.048427

Percentage Composition: C 38.09%; H 9.59%; F 30.12%; N 22.21%

Physical Description: Liq.

Boiling Point: Bp 60-63°

pKa Value: pK_a 8.79 (H_2O)

>>Derivative: Hydrochloride

CAS Registry Number: 460-08-2

Physical Description: Solid ($Et_2O/EtOH$)

Melting Point: Mp 90-92°

Aldrich: 42905-8

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 323C, (*ir*)

Levins, P.L. *et al.*, *J.A.C.S.*, 1965, **87**, 826, (*synth, pmr*)

Love, P. *et al.*, *J.A.C.S.*, 1968, **90**, 2455, (*synth, bibl*)