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>>Entry Name: **2,3,5-Trifluoroaniline**, 8Cl  
Synonym(s): 2,3,5-Trifluorobenzenamine, 9Cl

CAS Registry Number: 363-80-4

Molecular Formula: C<sub>6</sub>H<sub>4</sub>F<sub>3</sub>N

Molecular Weight: 147.099

Accurate Mass: 147.029583

Percentage Composition: C 48.99%; H 2.74%; F 38.75%; N 9.52%

Physical Description: Liq.

Boiling Point: Bp<sub>20</sub> 76°

>>Derivative: Ac

Synonym(s): 2,3,5-Trifluoroacetanilide

Molecular Formula: C<sub>8</sub>H<sub>6</sub>F<sub>3</sub>NO

Molecular Weight: 189.137

Accurate Mass: 189.040148

Percentage Composition: C 50.80%; H 3.20%; F 30.13%; N 7.41%; O 8.46%

Physical Description: Cryst. (Et<sub>2</sub>O)

Melting Point: Mp 120-121°

#### References:

Finger, G.C. *et al.*, *J.A.C.S.*, 1951, **73**, 152, (*synth*)