



>>Entry Name: **3-Ethynylaniline**

Synonym(s): 3-Ethynylbenzenamine, 9CI. (3-Aminophenyl)acetylene

CAS Registry Number: 54060-30-9

Structure by analogy with 2-Ethynylaniline, [BKD16-Y](#)

Molecular Formula: C₈H₇N

Molecular Weight: 117.15

Accurate Mass: 117.057849

Percentage Composition: C 82.02%; H 6.02%; N 11.96%

Use/Importance: Polymer intermed. for the synth. of acetylene-terminated imide oligomers

Physical Description: Oil

Boiling Point: Bp_{0.2} 78-80°

References:

Onopchenko, A. *et al.*, *J.O.C.*, 1979, **44**, 1233; 3671, (*synth, pmr*)

Seshadri, K.S. *et al.*, *J. Polym. Sci., Polym. Chem. Ed.*, 1980, **18**, 2649, (*cmr*)

Sabourin, E.T., *CA*, 1981, **94**, 103871e, (*synth*)

Tsutomo, T. *et al.*, *Macromolecules*, 1986, **19**, 2093, (*polymers*)