



>>Entry Name: 4-Ethynylaniline

Synonym(s): 4-Ethynylbenzenamine, 9Cl. (4-Aminophenyl)acetylene

CAS Registry Number: 14235-81-5

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 intermediate

Physical Description: Needles (petrol)

Melting Point: Mp 104-105°

References:

Allen, A.D. *et al.*, *Can. J. Chem.*, 1963, **41**, 1084, (*synth, ir*)

Dawson, D.A. *et al.*, *Can. J. Chem.*, 1975, **53**, 373, (*pmr, cmr*)

Hagihara, N. *et al.*, *Synthesis*, 1980, 627, (*synth, ir, pmr*)

Melissaris, A.P. *et al.*, *J.O.C.*, 1994, **59**, 5818, (*synth, pmr*)