



>>Entry Name: 4-Amino-2,5-dimethylphenol, 9CI

Synonym(s): 4-Amino-2,5-xyleneol, 8CI. 5-Amino-2-hydroxy-*p*-xylene

CAS Registry Number: 3096-71-7

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 242 dec.°

Aldrich: 12649-7

>>Derivative: *N*-Ac

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 177-179°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 532A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1233B, (*ir*)

Smith, L.I. *et al.*, *J.O.C.*, 1941, **6**, 427, (*synth*)