



>>Entry Name: 2-Amino-4,6-dimethylphenol, 9Cl

Synonym(s): 6-Amino-2,4-xylenol, 8Cl. 5-Amino-4-hydroxy-*m*-xylene

CAS Registry Number: 41458-65-5

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 131-132°

>>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 aq.)

Melting Point: Mp 96°

>>Derivative: Me ether

Synonym(s): 2-Methoxy-3,5-dimethylaniline. 3,5-Dimethyl-*o*-anisidine

CAS Registry Number: 35490-72-3

Molecular Formula: C₉H₁₃NO

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Physical Description: Liq.

Boiling Point: Bp 239-240°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 528A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1231A, (*ir*)

Bamberger, E. *et al.*, *Ber.*, 1913, **46**, 808, (*synth*)

Katz, L., *J.O.C.*, 1954, **19**, 758, (*synth*)