



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

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

CAS Registry Number: 15980-22-0

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 137-138 dec.°

>>Derivative: Di-Ac

Molecular Formula: C₁₂H₁₅NO₃

Molecular Weight: 221.255

Accurate Mass: 221.105194

Percentage Composition: C 65.14%; H 6.83%; N 6.33%; O 21.69%

Melting Point: Mp 160°

>>Derivative: Me ether

Synonym(s): 4-Methoxy-3,5-dimethylaniline. 3,5-Dimethyl-*p*-anisidine

CAS Registry Number: 39785-37-0

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: Needles (H₂O)

Melting Point: Mp 66°

References:

Roberts, B.M. *et al.*, *Tetrahedron*, 1967, **23**, 1335, (*synth*)

Ulrich, H., *Synthesis*, 1979, 277, (*synth*)