



>>Entry Name: 3-Amino-2,6-dimethylpyridine

Synonym(s): 2,6-Dimethyl-3-pyridinamine, 9Cl. 3-Amino-2,6-lutidine, 8Cl

CAS Registry Number: 3430-33-9

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Melting Point: Mp 123°

Boiling Point: Bp 228-235°

>>Derivative: 3-*N*-Ac

Molecular Formula: C₉H₁₂N₂O

Molecular Weight: 164.207

Accurate Mass: 164.094963

Percentage Composition: C 65.83%; H 7.37%; N 17.06%; O 9.74%

Melting Point: Mp 81.5°

>>Derivative: 3-*N*-Benzoyl

Molecular Formula: C₁₄H₁₄N₂O

Molecular Weight: 226.277

Accurate Mass: 226.110613

Percentage Composition: C 74.31%; H 6.24%; N 12.38%; O 7.07%

Melting Point: Mp 171°

References:

Protiva, M. *et al.*, *Chem. Listy*, 1952, **46**, 551; *CA*, **48**, 2710, (*synth*)

Kato, T. *et al.*, *Chem. Pharm. Bull.*, 1965, **13**, 963