



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

Synonym(s): 2-Amino-6-nitro-*p*-cresol, 8CI

CAS Registry Number: 6265-07-2

Molecular Formula: C₇H₈N₂O₃

Molecular Weight: 168.152

Accurate Mass: 168.053493

Percentage Composition: C 50.00%; H 4.80%; N 16.66%; O 28.54%

Physical Description: Red-brown cryst. (EtOH)

Melting Point: Mp 119° (110°)

>>Derivative: *N*-Ac

Molecular Formula: C₉H₁₀N₂O₄

Molecular Weight: 210.189

Accurate Mass: 210.064058

Percentage Composition: C 51.43%; H 4.80%; N 13.33%; O 30.45%

Physical Description: Yellow cryst. (EtOH)

Melting Point: Mp 143°

References:

Kehrmann, F. *et al.*, *Ber.*, 1907, **40**, 613, (*synth*)

Lindeman, H. *et al.*, *J. Prakt. Chem.*, 1929, **122**, 229, (*synth*)