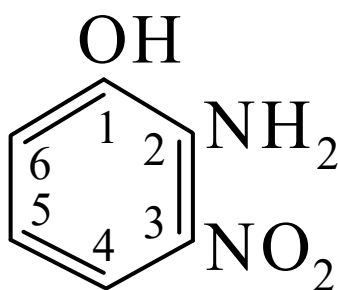




>>Entry Name: 2-Amino-3-nitrophenol, 9CI



CAS Registry Number: 603-85-0

Molecular Formula: C₆H₆N₂O₃

Molecular Weight: 154.125

Accurate Mass: 154.037843

Percentage Composition: C 46.76%; H 3.92%; N 18.18%; O 31.14%

Physical Description: Red needles (H₂O)

Melting Point: Mp 216-217° (210-212°)

Aldrich: 29700-3

Fluka: 8907

>>Derivative: *N*-Ac

CAS Registry Number: 59820-29-0

Molecular Formula: C₈H₈N₂O₄

Molecular Weight: 196.162

Accurate Mass: 196.048408

Percentage Composition: C 48.98%; H 4.11%; N 14.28%; O 32.62%

Physical Description: Yellow cryst.

Melting Point: Mp 172°

>>Derivative: *O*-(4-Methylbenzenesulfonyl)

Physical Description: Yellow cryst.

Melting Point: Mp 136°

>>Derivative: *N*-Me

Synonym(s): 2-(Methylamino)-3-nitrophenol, 9CI

CAS Registry Number: 163298-74-6

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: Dark red grains (EtOH/Et₂O)

Melting Point: Mp 123-124°

>>Derivative: Me ether

Synonym(s): 2-Methoxy-6-nitroaniline. 2-Methoxy-6-nitrobenzenamine, 9CI. 6-Nitro-*o*-anisidine, 8CI. 2-Amino-3-nitroanisole

CAS Registry Number: 16554-45-3

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: Pale orange needles (EtOH aq.)

Melting Point: Mp 75.5-76°

>>Derivative: Me ether, *N*-Ac

Synonym(s): 2-Methoxy-6-nitroacetanilide

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: Pale yellow needles (EtOH aq.)

Melting Point: Mp 158-159°