



>>Entry Name: 5-Amino-2-methylphenol, 9Cl

Synonym(s): 5-Amino-*o*-cresol, 8Cl. 3-Hydroxy-*p*-toluidine

CAS Registry Number: 2835-95-2

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Physical Description: Plates (H₂O)

Melting Point: Mp 161°

Other Data: Sublimes

Hazard & Toxicity: LD₅₀ (rat, orl) 3600 mg/kg

Fluka: 8334

Rare Chemicals Library: S44082-5

>>Derivative: *N*-Ac

CAS Registry Number: 5307-07-3

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Prisms (EtOH aq.)

Melting Point: Mp 225°

Other Data: Sublimes

>>Derivative: *N,N*-Di-Ac

Molecular Formula: C₁₁H₁₃NO₃

Molecular Weight: 207.229

Accurate Mass: 207.089544

Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%

Physical Description: Prisms (Et₂O/EtOH)

Melting Point: Mp 132-133°

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

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 111-112°

>>Derivative: Me ether

Synonym(s): 3-Methoxy-4-methylaniline. 4-Amino-2-methoxytoluene

CAS Registry Number: 16452-01-0

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.

Melting Point: Mp 58°

Boiling Point: Bp 250-252°

Rare Chemicals Library: S46247-0

>>Derivative: Me ether, *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: Leaflets (C₆H₆)

Melting Point: Mp 132°

References: