



>>Entry Name: **5-Amino-2-methylphenol**, 9CI
Synonym(s): 5-Amino-*o*-cresol, 8CI. 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°