



>>Entry Name: **2-Amino-5-methylphenol**, 9CI
Synonym(s): 6-Amino-*m*-cresol, 8CI. 2-Hydroxy-*p*-toluidine

CAS Registry Number: 2835-98-5

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: Prismatic needles (EtOH aq.)
Melting Point: Mp 162 dec.°

Aldrich: 14491-6

>>Derivative: Me ether

CAS Registry Number: 39538-68-6
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%
Boiling Point: Bp 237-239°. Bp₁₁ 109°

>>Derivative: *N*-Ac

CAS Registry Number: 13429-10-2
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: Plates (EtOH aq.)
Melting Point: Mp 171°
Aldrich: 29362-8

>>Derivative: *O,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: Needles (petrol)
Melting Point: Mp 153-154°

>>Derivative: *N*-Benzoyl

Molecular Formula: C₁₄H₁₃NO₂
Molecular Weight: 227.262
Accurate Mass: 227.094629
Percentage Composition: C 73.99%; H 5.77%; N 6.16%; O 14.08%
Physical Description: Needles (Me₂CO/petrol)
Melting Point: Mp 169°

>>Derivative: *O,N*-Dibenzoyl

Molecular Formula: C₂₁H₁₇NO₃
Molecular Weight: 331.37
Accurate Mass: 331.120844
Percentage Composition: C 76.12%; H 5.17%; N 4.23%; O 14.48%
Physical Description: Needles (MeOH)
Melting Point: Mp 162-163°

References: