



>>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°