



>>Entry Name: 3-Amino-4-methylphenol, 9CI

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

CAS Registry Number: 2836-00-2

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: Cryst. (2-propanol)

Melting Point: Mp 157-160° (144°)

Rare Chemicals Library: S84137-4

>>Derivative: *O*-Ac

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%

Melting Point: Mp 72-73°

>>Derivative: *N*-Ac

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%

Melting Point: Mp 178°

>>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%

Melting Point: Mp 128-129°

>>Derivative: *O*-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%

Melting Point: Mp 113-114°

>>Derivative: *N*-Me

CAS Registry Number: 6265-13-0

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%

Melting Point: Mp 108°