



>>Entry Name: 2-Amino-4-methylphenol, 9Cl
Synonym(s): 2-Amino-*p*-cresol, 8Cl. 6-Hydroxy-*m*-toluidine

CAS Registry Number: 95-84-1

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. (H₂O), needles (petrol)
Melting Point: Mp 135°

Aldrich: 14490-8

Fluka: 8332

>>Derivative: Hydrochloride

CAS Registry Number: 2977-71-1

Melting Point: Mp 222-224°

>>Derivative: *N*-Ac

CAS Registry Number: 6375-17-3
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: Needles (H₂O)
Melting Point: Mp 160°
Rare Chemicals Library: S57198-9

>>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: Plates (petrol)
Melting Point: Mp 145°

>>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: Leaflets (EtOH)
Melting Point: Mp 191°

>>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: Leaflets (EtOH), needles (EtOH aq.)
Melting Point: Mp 190-191°