



>>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: C<sub>7</sub>H<sub>9</sub>NO  
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: C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
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: C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
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: C<sub>11</sub>H<sub>13</sub>NO<sub>3</sub>  
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: C<sub>14</sub>H<sub>13</sub>NO<sub>2</sub>  
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: C<sub>8</sub>H<sub>11</sub>NO  
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°