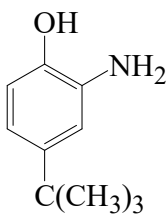




>>Entry Name: 2-Amino-4-*tert*-butylphenol

Synonym(s): 5-(1,1-Dimethylethyl)-2-hydroxybenzeneamine, 9CI. 5-*tert*-Butyl-2-hydroxyaniline



CAS Registry Number: 1199-46-8

Molecular Formula: C₁₀H₁₅NO

Molecular Weight: 165.235

Accurate Mass: 165.115364

Percentage Composition: C 72.69%; H 9.15%; N 8.48%; O 9.68%

Physical Description: Leaflets (cyclohexane)

Melting Point: Mp 158-159°

>>Derivative: *N*-Ac

Molecular Formula: C₁₂H₁₇NO₂

Molecular Weight: 207.272

Accurate Mass: 207.125929

Percentage Composition: C 69.54%; H 8.27%; N 6.76%; O 15.44%

Physical Description: Cryst.

Melting Point: Mp 135°

>>Derivative: Me ether

Synonym(s): 5-*tert*-Butyl-2-methoxyaniline

Molecular Formula: C₁₁H₁₇NO

Molecular Weight: 179.261

Accurate Mass: 179.131014

Percentage Composition: C 73.70%; H 9.56%; N 7.81%; O 8.93%

Melting Point: Mp 28°

Boiling Point: Bp₇ 122-126°

Refractive Index: n_D¹⁵ 1.5400

References:

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