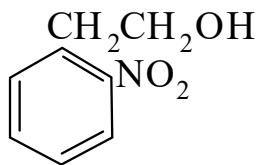




>>Entry Name: 2-(2-Nitrophenyl)ethanol

Synonym(s): 2-Nitrobenzeneethanol, 9Cl. *o*-Nitrophenethyl alcohol, 8Cl. β -Hydroxyethyl-*o*-nitrobenzene



CAS Registry Number: 15121-84-3

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Physical Description: Needles

Melting Point: Mp 54-55°

Boiling Point: Bp₅ 166-167°. Bp_{0.7} 128°

Aldrich: 18347-4

>>Derivative: Ac

CAS Registry Number: 833-43-2

Molecular Formula: C₁₀H₁₁NO₄

Molecular Weight: 209.201

Accurate Mass: 209.068809

Percentage Composition: C 57.41%; H 5.30%; N 6.70%; O 30.59%

Boiling Point: Bp_{0.3} 110-114°

>>Derivative: Benzoyl

Molecular Formula: C₁₅H₁₃NO₄

Molecular Weight: 271.272

Accurate Mass: 271.084459

Percentage Composition: C 66.41%; H 4.83%; N 5.16%; O 23.59%

Physical Description: Plates (petrol)

Melting Point: Mp 55°

References:

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