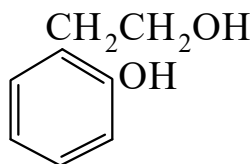




>>Entry Name: 2-(2-Hydroxyphenyl)ethanol

ENTRY UNDER REVIEW

Synonym(s): 2-Hydroxybenzeneethanol, 9CI. *o*-Hydroxyphenethyl alcohol



CAS Registry Number: 7768-28-7

Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

Physical Description: Liq.

Boiling Point: Bp_{0.5} 125-128°

Aldrich: 18824-7

>>Derivative: Mono-Ac

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Melting Point: Mp 64-65°

Boiling Point: Bp₃₀ 170-180°

>>Derivative: 2-Me ether

Synonym(s): 2-Methoxyphenethyl alcohol. 2-(2-Methoxyphenyl)ethanol

CAS Registry Number: 7417-18-7

Molecular Formula: C₉H₁₂O₂

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Boiling Point: Bp₁₀ 133-135°

Refractive Index: n_D²⁰ 1.5400

Aldrich: 18792-5

>>Derivative: 2-Et ether

Synonym(s): 2-(2-Ethoxyphenyl)ethanol

Molecular Formula: C₁₀H₁₄O₂

Molecular Weight: 166.219

Accurate Mass: 166.09938

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Physical Description: Oil

Melting Point: Mp 136-137°

>>Derivative: *O*-β-D-Glucopyranoside

Synonym(s): 2-(2-Hydroxyphenyl)ethyl β-D-glucopyranoside, 9CI

Molecular Formula: C₁₄H₂₀O₇

Molecular Weight: 300.308

Accurate Mass: 300.120905

Percentage Composition: C 55.99%; H 6.71%; O 37.29%

Biological Source: Constit. of the leaves of *Oxyanthus speciosus* ssp. *gerrardii*

Optical Rotation: [α]_D²⁰ -19 (c, 0.5 in MeOH)

References: