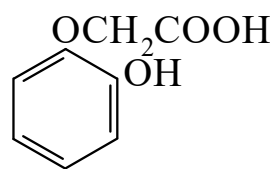




>>Entry Name: (2-Hydroxyphenoxy)acetic acid

Synonym(s): Catecholacetic acid



CAS Registry Number: 6324-11-4

Molecular Formula: C₈H₈O₄

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Physical Description: Plates (H₂O), prisms (Et₂O)

Melting Point: Mp 133° (130-131°)

Aldrich: 43937-1

>>Derivative: Me ester

Molecular Formula: C₉H₁₀O₄

Molecular Weight: 182.176

Accurate Mass: 182.05791

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Physical Description: Long needles + 1H₂O

Melting Point: Mp 59°

>>Derivative: Et ester

Melting Point: Mp 53°

Boiling Point: Bp₃₀ 155-156°

>>Derivative: *O*-Ac

Molecular Formula: C₁₀H₁₀O₅

Molecular Weight: 210.186

Accurate Mass: 210.052825

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Physical Description: Needles (C₆H₆)

Melting Point: Mp 110°

>>Derivative: Amide

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: Prisms (EtOH)

Melting Point: Mp 108° (monohydrate). Mp 130° (anhyd.)

>>Derivative: Me ether

Synonym(s): (2-Methoxyphenoxy)acetic acid

CAS Registry Number: 1878-85-9

Molecular Formula: C₉H₁₀O₄

Molecular Weight: 182.176

Accurate Mass: 182.05791

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Physical Description: Needles (H₂O)

Melting Point: Mp 120°

Aldrich: 45573-3

Rare Chemicals Library: S36318-9