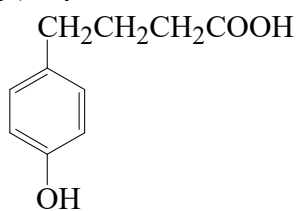




>>Entry Name: 4-(4-Hydroxyphenyl)butanoic acid, 9Cl

Synonym(s): 4-Hydroxybenzenebutanoic acid, 8Cl. 4-(4-Hydroxyphenyl)butyric acid



CAS Registry Number: 7021-11-6

Related CAS Registry Numbers(s): 29112-55-8 72457-45-5

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

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

Physical Description: Cryst. (C₆H₆ or EtOH aq.)

Melting Point: Mp 110-111° (107-108°)

Boiling Point: Bp_{0.6} 152-156°

>>Derivative: Me ester

CAS Registry Number: 22320-10-1

Molecular Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

Accurate Mass: 194.094295

Percentage Composition: C 68.02%; H 7.26%; O 24.71%

Boiling Point: Bp₃ 163-164°

>>Derivative: Et ester

CAS Registry Number: 62889-58-1

Molecular Formula: C₁₂H₁₆O₃

Molecular Weight: 208.257

Accurate Mass: 208.109945

Percentage Composition: C 69.21%; H 7.74%; O 23.05%

Melting Point: Mp 64.5-65°

Boiling Point: Bp_{0.3} 150-155°. Bp_{0.005} 125°

>>Derivative: Ac

CAS Registry Number: 18093-74-8

Molecular Formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

Accurate Mass: 222.08921

Percentage Composition: C 64.85%; H 6.35%; O 28.80%

Melting Point: Mp 62.5-63.5°

Boiling Point: Bp_{0.5} 163-164°

>>Derivative: Me ether

Synonym(s): 4-Methoxybenzenebutanoic acid. 4-(4-Methoxyphenyl)butanoic acid

CAS Registry Number: 4521-28-2

Molecular Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

Accurate Mass: 194.094295

Percentage Composition: C 68.02%; H 7.26%; O 24.71%

Physical Description: Cryst. (AcOH aq.)

Melting Point: Mp 61-62° (57-58°)

Boiling Point: Bp₁₃ 205-206°

Aldrich: 16338-4