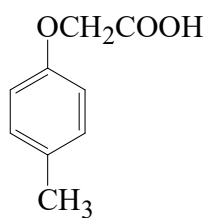




>>Entry Name: (4-Methylphenoxy)acetic acid, 9CI

Synonym(s): (*p*-Tolyloxy)acetic acid, 8CI



CAS Registry Number: 940-64-7

Molecular Formula: C₉H₁₀O₃

Molecular Weight: 166.176

Accurate Mass: 166.062995

Percentage Composition: C 65.05%; H 6.07%; O 28.88%

Physical Description: Needles (H₂O)

Melting Point: Mp 136-137°

>>Derivative: Me ester

CAS Registry Number: 38768-63-7

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

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

Boiling Point: Bp 257°

>>Derivative: Et ester

CAS Registry Number: 67028-40-4

Molecular Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

Accurate Mass: 194.094295

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

Boiling Point: Bp₇₄₀ 266-267°

>>Derivative: Chloride

CAS Registry Number: 15516-47-9

Molecular Formula: C₉H₉ClO₂

Molecular Weight: 184.622

Accurate Mass: 184.029107

Percentage Composition: C 58.55%; H 4.91%; Cl 19.20%; O 17.33%

Melting Point: Mp 23°

Boiling Point: Bp₂₀ 135°

>>Derivative: Amide

CAS Registry Number: 35368-57-1

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 126-127°

>>Derivative: Hydrazide

CAS Registry Number: 36304-39-9

Molecular Formula: C₉H₁₂N₂O₂

Molecular Weight: 180.206

Accurate Mass: 180.089878

Percentage Composition: C 59.99%; H 6.71%; N 15.55%; O 17.76%

Melting Point: Mp 136°

>>Derivative: Nitrile