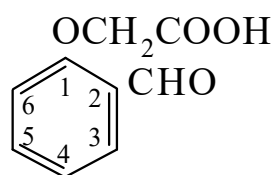




>>Entry Name: 2-Formylphenoxyacetic acid, 9CI



CAS Registry Number: 6280-80-4

Molecular Formula: C₉H₈O₄

Molecular Weight: 180.16

Accurate Mass: 180.04226

Percentage Composition: C 60.00%; H 4.48%; O 35.52%

Melting Point: Mp 133-133.5°

Aldrich: 15215-3

>>Derivative: Me ester

CAS Registry Number: 40359-34-0

Molecular Formula: C₁₀H₁₀O₄

Molecular Weight: 194.187

Accurate Mass: 194.05791

Percentage Composition: C 61.85%; H 5.19%; O 32.96%

Melting Point: Mp 55°

>>Derivative: Et ester

CAS Registry Number: 41873-61-4

Molecular Formula: C₁₁H₁₂O₄

Molecular Weight: 208.213

Accurate Mass: 208.07356

Percentage Composition: C 63.45%; H 5.81%; O 30.74%

Melting Point: Mp 34-35°. Mp 47°

Boiling Point: Bp₂₃ 195-197°

>>Derivative: Oxime

Molecular Formula: C₉H₉NO₄

Molecular Weight: 195.174

Accurate Mass: 195.053159

Percentage Composition: C 55.39%; H 4.65%; N 7.18%; O 32.79%

Melting Point: Mp 138°

>>Derivative: Phenylhydrazone

Melting Point: Mp 105°

References:

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