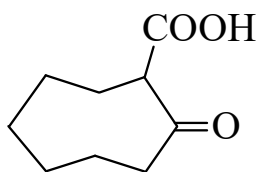




>>Entry Name: 2-Oxocyclooctanecarboxylic acid, 9CI



Molecular Formula: C₉H₁₄O₃

Molecular Weight: 170.208

Accurate Mass: 170.094295

Percentage Composition: C 63.51%; H 8.29%; O 28.20%

>>Variant: (±)-form

Molecular Formula: C₉H₁₄O₃

Molecular Weight: 170.208

Accurate Mass: 170.094295

Percentage Composition: C 63.51%; H 8.29%; O 28.20%

>>Derivative: Me ester

CAS Registry Number: 5452-73-3

Molecular Formula: C₁₀H₁₆O₃

Molecular Weight: 184.235

Accurate Mass: 184.109945

Percentage Composition: C 65.19%; H 8.75%; O 26.05%

Boiling Point: Bp₁₂ 120°

>>Derivative: Et ester

CAS Registry Number: 4017-56-5

Molecular Formula: C₁₁H₁₈O₃

Molecular Weight: 198.261

Accurate Mass: 198.125595

Percentage Composition: C 66.64%; H 9.15%; O 24.21%

Boiling Point: Bp₄ 103-104°. Bp_{0.1} 85-87°

References:

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Sum, P.-K. *et al.*, *Can. J. Chem.*, 1977, **55**, 996