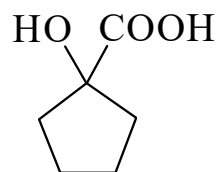




>>Entry Name: 1-Hydroxycyclopentanecarboxylic acid, 9CI



CAS Registry Number: 16841-19-3

Molecular Formula: C₆H₁₀O₃

Molecular Weight: 130.143

Accurate Mass: 130.062995

Percentage Composition: C 55.37%; H 7.74%; O 36.88%

Physical Description: Needles (H₂O)

Melting Point: Mp 103°

pKa Value: pK_a 4.15

Rare Chemicals Library: S43715-8

>>Derivative: Me ester

Molecular Formula: C₇H₁₂O₃

Molecular Weight: 144.17

Accurate Mass: 144.078645

Percentage Composition: C 58.32%; H 8.39%; O 33.29%

Boiling Point: Bp₁₆ 84°

>>Derivative: Et ester

CAS Registry Number: 41248-23-1

Molecular Formula: C₈H₁₄O₃

Molecular Weight: 158.197

Accurate Mass: 158.094295

Percentage Composition: C 60.74%; H 8.92%; O 30.34%

Boiling Point: Bp₂₀ 99°

References:

Powell, J.E. *et al.*, *J. Inorg. Nucl. Chem.*, 1968, **30**, 2135