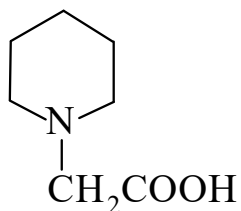




>>Entry Name: 1-Piperidineacetic acid

Synonym(s): Piperidinoacetic acid. Pentamethyleneglycine



CAS Registry Number: 3235-67-4

Molecular Formula: $C_7H_{13}NO_2$

Molecular Weight: 143.185

Accurate Mass: 143.094629

Percentage Composition: C 58.72%; H 9.15%; N 9.78%; O 22.35%

Physical Description: Cryst. (EtOH or cyclohexane)

Melting Point: Mp 37-39°

Boiling Point: Bp₃ 103-111°

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 215-216°

>>Derivative: Me ester

CAS Registry Number: 58583-90-7

Molecular Formula: $C_8H_{15}NO_2$

Molecular Weight: 157.212

Accurate Mass: 157.110279

Percentage Composition: C 61.12%; H 9.62%; N 8.91%; O 20.35%

Physical Description: Oil

Boiling Point: Bp 205-207°. Bp₂₃ 92-93°

>>Derivative: Et ester

CAS Registry Number: 23853-10-3

Molecular Formula: $C_9H_{17}NO_2$

Molecular Weight: 171.239

Accurate Mass: 171.125929

Percentage Composition: C 63.13%; H 10.01%; N 8.18%; O 18.69%

Physical Description: Oil

Boiling Point: Bp₇₃₂ 207°

Aldrich: 37939-5

>>Derivative: Et ester; hydrochloride

CAS Registry Number: 70583-26-5

Physical Description: Cryst.

Melting Point: Mp 130-131°

>>Derivative: Et ester; methiodide

Physical Description: Cryst. (EtOH)

Melting Point: Mp 158-159°