



>>Entry Name: 4-Piperidineacetic acid, 9CI

CAS Registry Number: 51052-78-9

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. (MeOH/Me₂CO)

Melting Point: Mp 255 dec.°

>>Derivative: Et ester

CAS Registry Number: 59184-90-6

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%

Boiling Point: Bp₁₅ 123-127°. Bp_{0.3} 67°

>>Derivative: Et ester; hexachloroplatinate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 192 dec.°

>>Derivative: Nitrile

Synonym(s): 4-(Cyanomethyl)piperidine

CAS Registry Number: 153566-98-4

Molecular Formula: $C_7H_{12}N_2$

Molecular Weight: 124.185

Accurate Mass: 124.100048

Percentage Composition: C 67.70%; H 9.74%; N 22.56%

Physical Description: Cryst. (as hydrochloride)

Melting Point: Mp 186-188°

References:

Prelog, V. *et al.*, *Annalen*, 1937, **532**, 82

Morris, F., *J.O.C.*, 1963, **28**, 602, (*synth*)

Vidaluc, J.-L. *et al.*, *J. Med. Chem.*, 1994, **37**, 689, (*nitrile*)