>>**Entry Name: 4-Piperidinol,** 9CI
Synonym(s): 4-Hydroxypiperidine

CAS Registry Number: 5382-16-1

Molecular Formula: $C_5H_{11}NO$
Molecular Weight: 101.148
Accurate Mass: 101.084064
Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%
Physical Description: Liq.
Boiling Point: Bp_{10} 110-115°

Aldrich: 12877-5
Fluka: 56220
Sigma: H1633

>>**Derivative:** Sulfate (2:1)

Melting Point: Mp 272-274°

>>**Derivative:** Hydrochloride

CAS Registry Number: 5382-17-2
Physical Description: Prisms (EtOH)
Melting Point: Mp 157-158°
Aldrich: 39146-8
Fluka: 56230

>>**Derivative:** Hydrobromide

Physical Description: Needles (EtOH)
Melting Point: Mp 139-140°

>>**Derivative:** Ac

CAS Registry Number: 73775-92-5
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%
Melting Point: Mp 66-67°

>>**Derivative:** *N*-Me

CAS Registry Number: 106-52-5
Molecular Formula: $C_6H_{13}NO$
Molecular Weight: 115.175
Accurate Mass: 115.099714
Percentage Composition: C 62.57%; H 11.38%; N 12.16%; O 13.89%
Melting Point: Mp 28°
Boiling Point: Bp_{18} 105°
Aldrich: H4220-6
Fluka: 55760

>>**Derivative:** *N*-Nitroso

CAS Registry Number: 55556-93-9
Molecular Formula: $C_5H_{10}N_2O_2$
Molecular Weight: 130.146
Accurate Mass: 130.074228
Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%
Hazard & Toxicity: Mutagenic props.