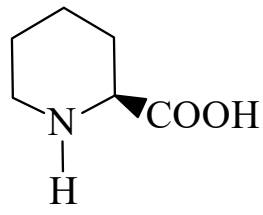
>>**Entry Name: 2-Piperidinecarboxylic acid,** 9CI
ENTRY UNDER REVIEW
Synonym(s): Pipecolic acid. Hexahydropicolinic acid. Pipecolinic acid. **Homoproline**‡



(*S*)-*form*

CAS Registry Number: 535-75-1
Related CAS Registry Numbers(s): 41994-45-0

Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%

>>**Variant:** (*R*)-form
Synonym(s): D-form

CAS Registry Number: 1723-00-8
Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Physical Description: Plates (EtOH)
Melting Point: Mp 270°
Optical Rotation: $[\alpha]_D^{25}$+24.5
Aldrich: 26806-2
Fluka: 80617
Sigma: P0776

>>**Derivative:** Tartrate

Melting Point: Mp 187°
Optical Rotation: $[\alpha]_D^{25}$+18 (c, 10 in H_2O)

>>**Derivative:** Amide

CAS Registry Number: 78088-51-4
Molecular Formula: $C_6H_{12}N_2O$
Molecular Weight: 128.174
Accurate Mass: 128.094963
Percentage Composition: C 56.23%; H 9.44%; N 21.86%; O 12.48%
Melting Point: Mp 162-163°
Optical Rotation: $[\alpha]_D$ +31.6 (c, 2.3 in EtOH)

>>**Variant:** (*S*)-form
Synonym(s): L-form

CAS Registry Number: 3105-95-1

Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Biological Source: Present in beans and other legumes, and in lesser quantities in other plants including barley, hops, malt, teak and mushrooms
Physical Description: Needles ($MeOH/Et_2O$)
Melting Point: Mp 259-260°
Optical Rotation: $[\alpha]_D^{20}$–30.6 (c, 1 in H_2O)
Solubility: BERDY SOL: Sol. H_2O
Aldrich: 23775-2
Fluka: 80615
Sigma: P2519