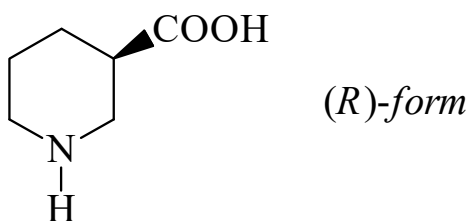




>>Entry Name: 3-Piperidinecarboxylic acid, 9CI
Synonym(s): Hexahydronicotinic acid. Nipecotic acid



CAS Registry Number: 498-95-3
Related CAS Registry Numbers(s): 65445-62-7 71381-76-5 88495-55-0

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%

Aldrich: 21167-2
Sigma: N7379

>>Variant: (R)-form

CAS Registry Number: 25137-00-2
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%
Melting Point: Mp 259-260°
Optical Rotation: $[\alpha]_D^{23} -3.4$ (c, 5 in H_2O)

>>Variant: (S)-form

CAS Registry Number: 59045-82-8
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%
Melting Point: Mp 259-260°
Optical Rotation: $[\alpha]_D^{21} +3.6$ (c, 5 in H_2O)

>>Derivative: Et ester

CAS Registry Number: 37675-18-6
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%
Optical Rotation: $[\alpha]_D^{20} +1.75$ (neat)

>>Variant: ($\pm$)-form

CAS Registry Number: 60252-41-7
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: Cryst.
Melting Point: Mp 261 dec.°

>>Derivative: Hydrochloride

Physical Description: Cryst.
Melting Point: Mp 240-241 dec.°