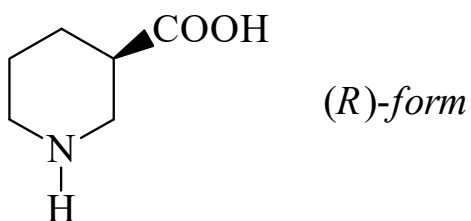




>>Entry Name: 3-Piperidinecarboxylic acid, 9CI  
Synonym(s): Hexahydronicotinic acid. Nipecotic acid



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.°