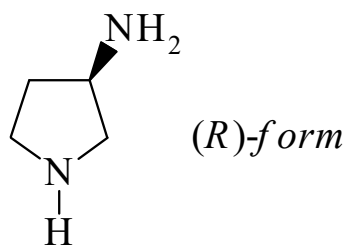




>>Entry Name: 3-Aminopyrrolidine

Synonym(s): 3-Pyrrolidinamine, 9CI



CAS Registry Number: 79286-79-6

Molecular Formula: $C_4H_{10}N_2$

Molecular Weight: 86.136

Accurate Mass: 86.084398

Percentage Composition: C 55.78%; H 11.70%; N 32.52%

>>Variant: (R)-form

CAS Registry Number: 116183-82-5

Molecular Formula: $C_4H_{10}N_2$

Molecular Weight: 86.136

Accurate Mass: 86.084398

Percentage Composition: C 55.78%; H 11.70%; N 32.52%

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 116183-81-4

Optical Rotation: $[\alpha]_D -1.2$ (c, 0.5 in 1N HCl)

>>Derivative: 3-N-Me

CAS Registry Number: 144043-18-5

Molecular Formula: $C_5H_{12}N_2$

Molecular Weight: 100.163

Accurate Mass: 100.100048

Percentage Composition: C 59.96%; H 12.08%; N 27.97%

Optical Rotation: $[\alpha]_D -3.7$ (c, 1 in 1N HCl) (as hydrochloride)

Other Data: CAS no. refers to hydrochloride

>>Derivative: 1-Benzyl

CAS Registry Number: 114715-39-8

Molecular Formula: $C_{11}H_{16}N_2$

Molecular Weight: 176.261

Accurate Mass: 176.131348

Percentage Composition: C 74.96%; H 9.15%; N 15.89%

Physical Description: No phys. props. accessible

Other: Celgene 2251-00

>>Variant: (S)-form

CAS Registry Number: 128345-57-3

Molecular Formula: $C_4H_{10}N_2$

Molecular Weight: 86.136

Accurate Mass: 86.084398

Percentage Composition: C 55.78%; H 11.70%; N 32.52%

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 116183-83-6

Physical Description: Cryst. (EtOH)

Optical Rotation: $[\alpha]_D +1.3$ (c, 0.5 in 1N HCl)