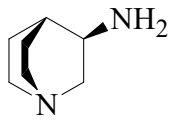
>>**Entry Name: 1-Azabicyclo[2.2.2]octan-3-amine,** 9CI
Synonym(s): 3-Amino-1-azabicyclo[2.2.2]octane. 3-Aminoquinuclidine



(R)-form

CAS Registry Number: 6238-14-8

Molecular Formula: $C_7H_{14}N_2$
Molecular Weight: 126.201
Accurate Mass: 126.115698
Percentage Composition: C 66.62%; H 11.18%; N 22.20%

>>**Variant:** (*R*)-form

CAS Registry Number: 123536-15-2
Molecular Formula: $C_7H_{14}N_2$
Molecular Weight: 126.201
Accurate Mass: 126.115698
Percentage Composition: C 66.62%; H 11.18%; N 22.20%

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

CAS Registry Number: 123536-14-1
Physical Description: Cryst. (HCl aq./EtOH)
Optical Rotation: $[\alpha]_D^{20}$+24.8 (c, 1 in H_2O)
Other Data: Mp >285°
Aldrich: 41571-5
Sigma: A1202

>>**Derivative:** 3-*N*-Ac

CAS Registry Number: 134869-61-7
Molecular Formula: $C_9H_{16}N_2O$
Molecular Weight: 168.238
Accurate Mass: 168.126263
Percentage Composition: C 64.25%; H 9.59%; N 16.65%; O 9.51%
Melting Point: Mp 128-130°
Optical Rotation: $[\alpha]_D^{20}$+49.5 (c, 2 in $CHCl_3$) (99.3% op)

>>**Variant:** (*S*)-form

CAS Registry Number: 120570-05-0
Molecular Formula: $C_7H_{14}N_2$
Molecular Weight: 126.201
Accurate Mass: 126.115698
Percentage Composition: C 66.62%; H 11.18%; N 22.20%

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

CAS Registry Number: 119904-90-4
Physical Description: Cryst.
Optical Rotation: $[\alpha]_D^{20}$–24.9 (c, 1 in H_2O)
Other Data: Mp >285°
Aldrich: 41572-3
Sigma: A1327

>>**Derivative:** 3-*N*-Ac

CAS Registry Number: 134869-59-3
Melting Point: Mp 128-131°
Optical Rotation: $[\alpha]_D^{20}$–50 (c, 2 in $CHCl_3$) (99.5% op)