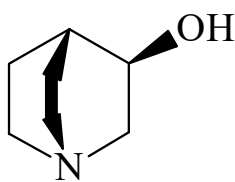




>>Entry Name: 1-Azabicyclo[2.2.2]octan-3-ol, 9Cl
Synonym(s): 3-Quinuclidinol, 8Cl. 3-Hydroxyquinuclidine



(*R*)-form

CAS Registry Number: 1619-34-7

Molecular Formula: C₇H₁₃NO

Molecular Weight: 127.186

Accurate Mass: 127.099714

Percentage Composition: C 66.11%; H 10.30%; N 11.01%; O 12.58%

Aldrich: 25334-0

Fluka: 55121

>>Variant: (*R*)-form

CAS Registry Number: 25333-42-0

Molecular Formula: C₇H₁₃NO

Molecular Weight: 127.186

Accurate Mass: 127.099714

Percentage Composition: C 66.11%; H 10.30%; N 11.01%; O 12.58%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 223-224°

Optical Rotation: $[\alpha]_D^{20} +45.3$ (c, 3 in 1M HCl)

>>Derivative: Ac

CAS Registry Number: 59653-40-6

Extra CAS Registry Numbers(s): 827-61-2

Molecular Formula: C₉H₁₅NO₂

Molecular Weight: 169.223

Accurate Mass: 169.110279

Percentage Composition: C 63.88%; H 8.93%; N 8.28%; O 18.91%

Boiling Point: Bp₆₀ 148°

Optical Rotation: $[\alpha]_D^{26} +28.5$ (c, 2.9 in EtOH)

>>Variant: (*S*)-form

CAS Registry Number: 34583-34-1

Molecular Formula: C₇H₁₃NO

Molecular Weight: 127.186

Accurate Mass: 127.099714

Percentage Composition: C 66.11%; H 10.30%; N 11.01%; O 12.58%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 223-224°

Optical Rotation: $[\alpha]_D^{20} -45.1$ (c, 3.0 in 1M HCl)

>>Derivative: Ac

CAS Registry Number: 59653-42-8

Extra CAS Registry Numbers(s): 827-61-2

Molecular Formula: C₉H₁₅NO₂

Molecular Weight: 169.223

Percentage Composition: C 63.88%; H 8.93%; N 8.28%; O 18.91%

Physical Description: Oil

Boiling Point: Bp 117°

Optical Rotation: $[\alpha]_D -28.5$ (c, 2.9 in EtOH)