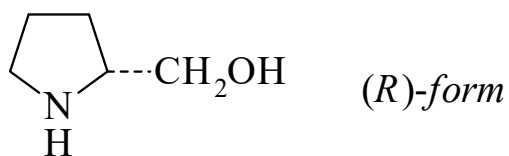




>>Entry Name: 2-Pyrrolidinemethanol, 9CI

Synonym(s): 2-(Hydroxymethyl)pyrrolidine. Prolinol



CAS Registry Number: 498-63-5

Related CAS Registry Numbers(s): 3554-65-2 5044-49-5 68832-13-3 99494-01-6

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

>>Variant: (R)-form

CAS Registry Number: 68832-13-3

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

Boiling Point: Bp₂ 74-76°

Optical Rotation: [α]_D²⁰ -31.7 (c, 1.0 in C₆H₆)

>>Derivative: Me ether

Synonym(s): 2-(Methoxymethyl)pyrrolidine

CAS Registry Number: 84025-81-0

Molecular Formula: C₆H₁₃NO

Molecular Weight: 115.175

Accurate Mass: 115.099714

Percentage Composition: C 62.57%; H 11.38%; N 12.16%; O 13.89%

Optical Rotation: [α]_D²⁰ -2 (c, 2 in C₆H₆)

Fluka: 65089

>>Variant: (S)-form

CAS Registry Number: 23356-96-9

Molecular Formula: C₅H₁₁NO

Molecular Weight: 101.148

Accurate Mass: 101.084064

Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%

Boiling Point: Bp₁₀ 98°. Bp_{0.9} 58°

Optical Rotation: [α]_D²⁰ +3.38 (c, 5.4 in MeOH)

Aldrich: 18651-1

Fluka: 81745

Sigma: P5016

>>Derivative: Hydrochloride

CAS Registry Number: 79802-20-3

Physical Description: Cryst. (2-propanol/EtOAc)

Melting Point: Mp 57-58°

>>Derivative: N-Formyl

Synonym(s): 2-(Hydroxymethyl)-1-pyrrolidinecarboxaldehyde, 9CI

CAS Registry Number: 55456-46-7

Molecular Formula: C₆H₁₁NO₂

Molecular Weight: 129.158

Accurate Mass: 129.078979

Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%

Boiling Point: Bp_{0.5} 122°

Optical Rotation: [α]_D -18 (c, 2 in C₆H₆)