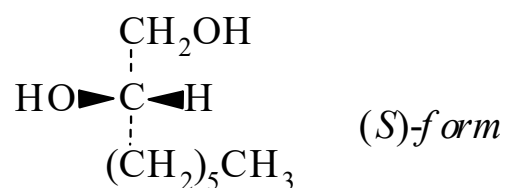




>>Entry Name: 1,2-Octanediol, 9CI



CAS Registry Number: 1117-86-8

Extra CAS Registry Numbers(s): 26762-67-4

Molecular Formula: C₈H₁₈O₂

Molecular Weight: 146.229

Accurate Mass: 146.13068

Percentage Composition: C 65.71%; H 12.41%; O 21.88%

Aldrich: 21370-5

>>Variant: (S)-form

CAS Registry Number: 87720-91-0

Molecular Formula: C₈H₁₈O₂

Molecular Weight: 146.229

Accurate Mass: 146.13068

Percentage Composition: C 65.71%; H 12.41%; O 21.88%

Source/Synthesis: Degradn. prod. of Pseudoconhydrine in 6-Propyl-3-piperidinol [CFR53-B](#)

Melting Point: Mp 35-37° (sinters at 33°)

Boiling Point: Bp₁ 110°

>>Variant: (±)-form

CAS Registry Number: 87720-89-6

Molecular Formula: C₈H₁₈O₂

Molecular Weight: 146.229

Accurate Mass: 146.13068

Percentage Composition: C 65.71%; H 12.41%; O 21.88%

Use/Importance: Antifoamant

Physical Description: Cryst. (petrol)

Melting Point: Mp 30-30.5°

Boiling Point: Bp₁₀ 135-136°. Bp_{0.2} 103-105°

References:

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Späth, E. *et al.*, *Ber.*, 1933, **66**, 591, (*synth*)

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Pliev, T.N. *et al.*, *Zh. Prikl. Khim. (Leningrad)*, 1977, **50**, 157; *CA*, **86**, 138950s, (*nmr*)