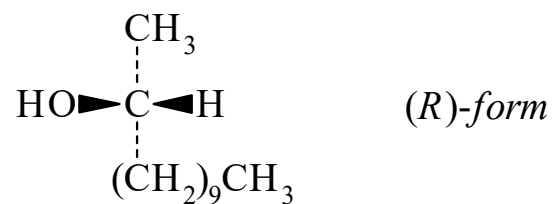




>>Entry Name: 2-Dodecanol



CAS Registry Number: 10203-28-8

Extra CAS Registry Numbers(s): 27342-88-7

Molecular Formula: C₁₂H₂₆O

Molecular Weight: 186.337

Accurate Mass: 186.198365

Percentage Composition: C 77.35%; H 14.06%; O 8.59%

Aldrich: D22150-3

Fluka: 44121

Sigma: D0408

>>Variant: (R)-form

CAS Registry Number: 99210-87-4

Molecular Formula: C₁₂H₂₆O

Molecular Weight: 186.337

Accurate Mass: 186.198365

Percentage Composition: C 77.35%; H 14.06%; O 8.59%

Physical Description: Oil

Boiling Point: Bp₂ 115°

Optical Rotation: [α]_D²⁵ -8 (c, 8.1 in EtOH)

>>Variant: (S)-form

CAS Registry Number: 91681-57-1

Molecular Formula: C₁₂H₂₆O

Molecular Weight: 186.337

Accurate Mass: 186.198365

Percentage Composition: C 77.35%; H 14.06%; O 8.59%

Physical Description: Oil

Boiling Point: Bp_{1.5} 110°

Optical Rotation: [α]_D +8.11 (c, 1.02 in EtOH)

>>Variant: (±)-form

CAS Registry Number: 93528-08-6

Molecular Formula: C₁₂H₂₆O

Molecular Weight: 186.337

Accurate Mass: 186.198365

Percentage Composition: C 77.35%; H 14.06%; O 8.59%

Physical Description: Oil

Boiling Point: Bp 250°. Bp₁₀ 128°

Refractive Index: n_D²⁰ 1.4400

>>Variant: (ξ)-form

Type of Compound Code(s): VA0100

Molecular Formula: C₁₂H₂₆O

Molecular Weight: 186.337

Accurate Mass: 186.198365

Percentage Composition: C 77.35%; H 14.06%; O 8.59%

Biological Source: Constit. of *Ruta* spp. and other plant spp. Also found in hind leg tibial gland secretions of ants incl. *Crematogaster auberti*