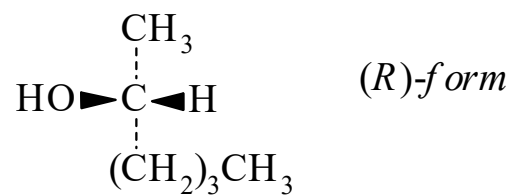




>>Entry Name: 2-Hexanol, 9CI



CAS Registry Number: 626-93-7

Extra CAS Registry Numbers(s): 25917-35-5

Molecular Formula: C₆H₁₄O

Molecular Weight: 102.176

Accurate Mass: 102.104465

Percentage Composition: C 70.53%; H 13.81%; O 15.66%

Hazard & Toxicity: Skin irritant

Aldrich: W51360-1

Fluka: 52850

>>Variant: (R)-form

CAS Registry Number: 26549-24-6

Molecular Formula: C₆H₁₄O

Molecular Weight: 102.176

Accurate Mass: 102.104465

Percentage Composition: C 70.53%; H 13.81%; O 15.66%

Boiling Point: Bp 137-138°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -12.7$ (EtOH)

Aldrich: 34030-8

Fluka: 52845

>>Derivative: Ac

CAS Registry Number: 54638-11-8

Molecular Formula: C₈H₁₆O₂

Molecular Weight: 144.213

Accurate Mass: 144.11503

Percentage Composition: C 66.63%; H 11.18%; O 22.19%

Boiling Point: Bp₂₀ 57°

>>Variant: (S)-form

CAS Registry Number: 52019-78-0

Molecular Formula: C₆H₁₄O

Molecular Weight: 102.176

Accurate Mass: 102.104465

Percentage Composition: C 70.53%; H 13.81%; O 15.66%

Optical Rotation: $[\alpha]_{\text{D}} +11.3$ (c, 0.58 in EtOH) (ee 96%)

Aldrich: 34031-6

Fluka: 52847

>>Derivative: 1-Naphthylurethane

Optical Rotation: $[\alpha]_{\text{D}}^{25} -4.28$ (EtOH)

>>Variant: (±)-form

CAS Registry Number: 20281-86-1

Molecular Formula: C₆H₁₄O

Molecular Weight: 102.176

Accurate Mass: 102.104465

Percentage Composition: C 70.53%; H 13.81%; O 15.66%

Boiling Point: Bp 136°