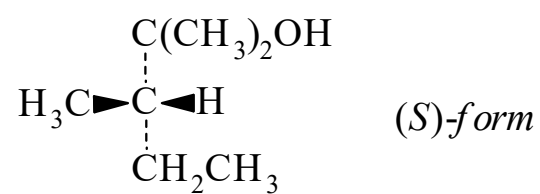




>>Entry Name: 2,3-Dimethyl-2-pentanol, 9CI, 8CI



CAS Registry Number: 4911-70-0

Molecular Formula: C₇H₁₆O

Molecular Weight: 116.203

Accurate Mass: 116.120115

Percentage Composition: C 72.35%; H 13.88%; O 13.77%

>>Variant: (S)-form

CAS Registry Number: 28357-68-8

Molecular Formula: C₇H₁₆O

Molecular Weight: 116.203

Accurate Mass: 116.120115

Percentage Composition: C 72.35%; H 13.88%; O 13.77%

Boiling Point: Bp 137-139°. Bp₁₅ 49.7°

>>Variant: (±)-form

Molecular Formula: C₇H₁₆O

Molecular Weight: 116.203

Accurate Mass: 116.120115

Percentage Composition: C 72.35%; H 13.88%; O 13.77%

Boiling Point: Bp 137-138°. Bp₂₀ 51-52°

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 77-78°

References:

Schmerling, L. *et al.*, *J.A.C.S.*, 1953, **75**, 6217, (*synth*)

Freudenberg, K. *et al.*, *Annalen*, 1955, **594**, 76, (*abs config*)

Friedel, R.A. *et al.*, *Anal. Chem.*, 1956, **28**, 926, (*ms*)

Lardicci, L. *et al.*, *Chem. Ind. (London)*, 1973, 184, (*config*)