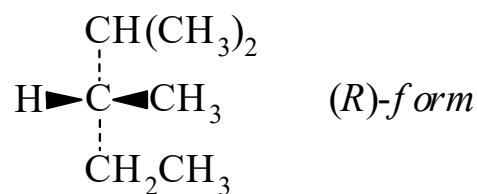




>>Entry Name: 2,3-Dimethylpentane



CAS Registry Number: 565-59-3

Molecular Formula: C₇H₁₆

Molecular Weight: 100.203

Accurate Mass: 100.1252

Percentage Composition: C 83.91%; H 16.09%

Hazard & Toxicity: Highly flammable, fl. p. <-6°, autoignition temp. 335°

Aldrich: D17320-7

>>Variant: (R)-form

CAS Registry Number: 54665-46-2

Molecular Formula: C₇H₁₆

Molecular Weight: 100.203

Accurate Mass: 100.1252

Percentage Composition: C 83.91%; H 16.09%

Physical Description: Liq.

Boiling Point: Bp 90°

Optical Rotation: [α]_D²¹+2.9

>>Variant: (S)-form

CAS Registry Number: 7485-45-2

Molecular Formula: C₇H₁₆

Molecular Weight: 100.203

Accurate Mass: 100.1252

Percentage Composition: C 83.91%; H 16.09%

Physical Description: Liq.

Boiling Point: Bp 89-90°

Optical Rotation: [α]_D²⁰-11.4

>>Variant: (±)-form

Molecular Formula: C₇H₁₆

Molecular Weight: 100.203

Accurate Mass: 100.1252

Percentage Composition: C 83.91%; H 16.09%

Boiling Point: Bp 90.6°

Density: d₄²⁰0.695

Refractive Index: n_D²⁰1.3920

References:

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