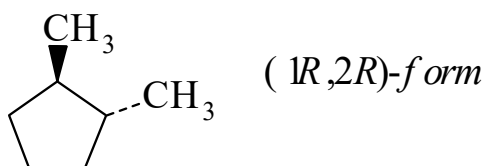




>>Entry Name: 1,2-Dimethylcyclopentane, 9CI



CAS Registry Number: 2452-99-5

Molecular Formula: C₇H₁₄

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

>>Variant: (1R,2R)-form

Synonym(s): (–)-*trans*-form

CAS Registry Number: 13012-46-9

Molecular Formula: C₇H₁₄

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Physical Description: Liq.

Optical Rotation: [α]_D –51.2 (CHCl₃)

>>Variant: (1R,2R)-form

Synonym(s): (±)-*trans*-form

CAS Registry Number: 822-50-4

Molecular Formula: C₇H₁₄

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Melting Point: Mp –119°

Boiling Point: Bp 91.78°

>>Variant: (1R,2R)-form

Synonym(s): *cis*-form

CAS Registry Number: 1192-18-3

Molecular Formula: C₇H₁₄

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Melting Point: Mp –52.5°

Boiling Point: Bp 99.23°

References:

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