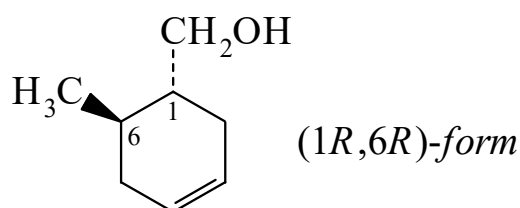




>>Entry Name: 6-Methyl-3-cyclohexene-1-methanol, 9CI

Synonym(s): 4-Hydroxymethyl-5-methylcyclohexene



CAS Registry Number: 5259-31-4

Related CAS Registry Numbers(s): 39155-45-8 64149-98-0 64150-04-5

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Aldrich: 18756-9

>>Variant: (1*R*,6*R*)-form

Synonym(s): (–)-*trans*-form

CAS Registry Number: 92344-77-9

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Boiling Point: Bp₂₁ 100-109°

Optical Rotation: [α]_D²³ –75.4 (c, 6.63 in CHCl₃)

>>Variant: (1*R*,6*S*)-form

CAS Registry Number: 102629-34-5

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Boiling Point: Bp₃₇ 120-122°

Optical Rotation: [α]_D²⁶ –25.58 (c, 0.995 in CHCl₃)

>>Variant: (1*S*,6*S*)-form

Synonym(s): (+)-*cis*-form

CAS Registry Number: 92344-78-0

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Boiling Point: Bp₂₁ 100-109°

Optical Rotation: [α]_D²³ +70.6 (c, 6.82 in CHCl₃)

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