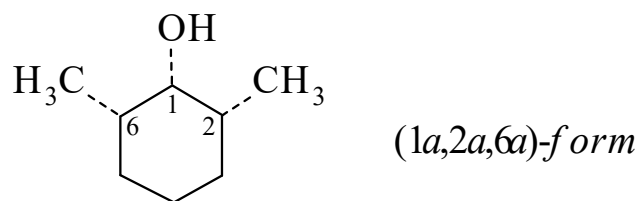




>>Entry Name: 2,6-Dimethylcyclohexanol, 9CI



CAS Registry Number: 5337-72-4

Molecular Formula: $C_8H_{16}O$

Molecular Weight: 128.214

Accurate Mass: 128.120115

Percentage Composition: C 74.94%; H 12.58%; O 12.48%

General Statement: All three stereoisomers known

Aldrich: 11053-1

Fluka: 40030

>>Variant: (1 α ,2 α ,6 α)-form

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

CAS Registry Number: 39170-84-8

Molecular Formula: $C_8H_{16}O$

Molecular Weight: 128.214

Accurate Mass: 128.120115

Percentage Composition: C 74.94%; H 12.58%; O 12.48%

Melting Point: Mp 40°

Boiling Point: Bp 172°. Bp₂₂ 80°

Other Data: *meso*-

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 134-134.5°

>>Derivative: Phenylurethane

Molecular Formula: $C_{15}H_{21}NO_2$

Molecular Weight: 247.336

Accurate Mass: 247.157229

Percentage Composition: C 72.84%; H 8.56%; N 5.66%; O 12.94%

Melting Point: Mp 158°

>>Variant: (1 α ,2 α ,6 β)-form

Synonym(s): ($\pm$)-*cis,trans*-form

CAS Registry Number: 39170-83-7

Molecular Formula: $C_8H_{16}O$

Molecular Weight: 128.214

Accurate Mass: 128.120115

Percentage Composition: C 74.94%; H 12.58%; O 12.48%

Boiling Point: Bp 172-173°. Bp₁₆ 76°

Refractive Index: n_D^{19} 1.4660

>>Variant: (1 α ,2 β ,6 β)-form

Synonym(s): *trans,trans*-form

CAS Registry Number: 42846-29-7

Molecular Formula: $C_8H_{16}O$

Molecular Weight: 128.214

Accurate Mass: 128.120115

Percentage Composition: C 74.94%; H 12.58%; O 12.48%

Melting Point: Mp 47°

Boiling Point: Bp 171-173°

Other Data: *meso*-