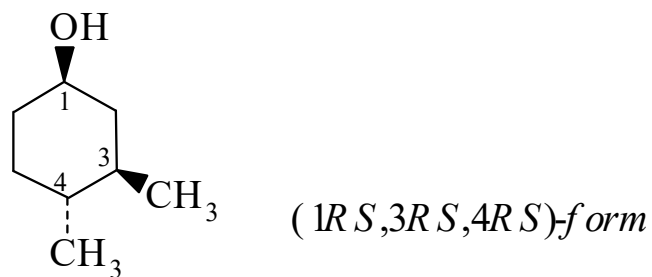




>>Entry Name: 3,4-Dimethylcyclohexanol, 9CI



CAS Registry Number: 5715-23-1

Molecular Formula: C<sub>8</sub>H<sub>16</sub>O

Molecular Weight: 128.214

Accurate Mass: 128.120115

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

Rare Chemicals Library: S43498-1

>>Variant: (1*R*,3*R*,4*R*)-form

Synonym(s): (1 $\alpha$ ,3 $\alpha$ ,4 $\beta$ )-form. ( $\pm$ )-*cis,trans*-form

CAS Registry Number: 33001-74-0

Molecular Formula: C<sub>8</sub>H<sub>16</sub>O

Molecular Weight: 128.214

Accurate Mass: 128.120115

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

Boiling Point: Bp<sub>20</sub> 80°

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 104°

>>Derivative: Phenylurethane

Molecular Formula: C<sub>15</sub>H<sub>21</sub>NO<sub>2</sub>

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 122-123°

>>Variant: (1*R*,3*R*,4*S*)-form

Synonym(s): (1 $\alpha$ ,3 $\alpha$ ,4 $\alpha$ )-form. ( $\pm$ )-*cis,cis*-form

CAS Registry Number: 31527-80-7

Molecular Formula: C<sub>8</sub>H<sub>16</sub>O

Molecular Weight: 128.214

Accurate Mass: 128.120115

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

Boiling Point: Bp<sub>20</sub> 80°

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 83-84°

>>Derivative: Phenylurethane

Melting Point: Mp 95-96°

>>Variant: (1*R*,3*S*,4*R*)-form

Synonym(s): (1 $\alpha$ ,3 $\beta$ ,4 $\beta$ )-form. ( $\pm$ )-*trans,trans*-form

CAS Registry Number: 31527-84-1

Molecular Formula: C<sub>8</sub>H<sub>16</sub>O

Molecular Weight: 128.214

Accurate Mass: 128.120115

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

Boiling Point: Bp<sub>20</sub> 80°