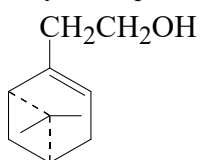




>>Entry Name: Nopol

Synonym(s): 6,6-Dimethylbicyclo[3.1.1]hept-2-ene-2-ethanol, 9Cl. 6,6-Dimethyl-2-norpinene-2-ethanol, 8Cl. Homomyrtenol



CAS Registry Number: 35836-73-8

Related CAS Registry Numbers(s): 128-50-7 128-51-8 30982-38-8 69978-56-9 107667-90-3 133098-22-3

Molecular Formula: C<sub>11</sub>H<sub>18</sub>O

Molecular Weight: 166.263

Accurate Mass: 166.135765

Percentage Composition: C 79.47%; H 10.91%; O 9.62%

Aldrich: 34036-7

>>Variant: (-)-form

Molecular Formula: C<sub>11</sub>H<sub>18</sub>O

Molecular Weight: 166.263

Accurate Mass: 166.135765

Percentage Composition: C 79.47%; H 10.91%; O 9.62%

Boiling Point: Bp 230-240°. Bp<sub>2.8</sub> 89°

Optical Rotation: [α]<sub>D</sub><sup>24</sup> -37 (neat)

Density: d 0.968

Refractive Index: n<sub>D</sub><sup>20</sup> 1.4930

>>Derivative: Formyl

Molecular Formula: C<sub>12</sub>H<sub>18</sub>O<sub>2</sub>

Molecular Weight: 194.273

Accurate Mass: 194.13068

Percentage Composition: C 74.19%; H 9.34%; O 16.47%

Boiling Point: Bp<sub>10</sub> 116-118°

Optical Rotation: [α]<sub>D</sub> -33.4 (neat)

Density: d<sub>4</sub><sup>20</sup> 0.999

Refractive Index: n<sub>d</sub>> 1.4776

>>Derivative: Ac

CAS Registry Number: 35836-72-7

Molecular Formula: C<sub>13</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight: 208.3

Accurate Mass: 208.14633

Percentage Composition: C 74.96%; H 9.68%; O 15.36%

Boiling Point: Bp<sub>10</sub> 118°

Optical Rotation: [α]<sub>D</sub><sup>25</sup> -31.5 (neat)

Density: d<sub>4</sub><sup>25</sup> 0.977

Refractive Index: n<sub>D</sub><sup>25</sup> 1.4705

>>Derivative: Propanoyl

CAS Registry Number: 133000-99-4

Molecular Formula: C<sub>14</sub>H<sub>22</sub>O<sub>2</sub>

Molecular Weight: 222.327

Accurate Mass: 222.16198

Percentage Composition: C 75.63%; H 9.97%; O 14.39%

Boiling Point: Bp<sub>10</sub> 130.2°

Optical Rotation: [α]<sub>D</sub><sup>25</sup> -28.9

Density: d<sub>4</sub><sup>25</sup> 0.967

Refractive Index: n<sub>D</sub><sup>25</sup> 1.4691

>>Derivative: 4-Nitrobenzoyl