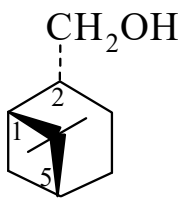
>>**Entry Name: 10-Pinanol**
Synonym(s): 6,6-Dimethylbicyclo[3.1.1]heptane-2-methanol. **Myrtanol.** 10-Hydroxypinane. Dihydromyrtenol



(1*R*,2*R*,5*R*)-*form*

CAS Registry Number: 514-99-8

Molecular Formula: $C_{10}H_{18}O$
Molecular Weight: 154.252
Accurate Mass: 154.135765
Percentage Composition: C 77.87%; H 11.76%; O 10.37%
Other Data: Rare natural occurrence

>>**Variant:** (1*R*,2*R*,5*R*)-form
Synonym(s): (–)-*trans*-form

CAS Registry Number: 53369-17-8
Molecular Formula: $C_{10}H_{18}O$
Molecular Weight: 154.252
Accurate Mass: 154.135765
Percentage Composition: C 77.87%; H 11.76%; O 10.37%
Physical Description: Oil
Boiling Point: Bp_{14} 113-114°
Optical Rotation: $[\alpha]_D^{22}$ –27.1
Aldrich: 27417-8
Fluka: 70155

>>**Variant:** (1*R*,2*S*,5*R*)-form
Synonym(s): Benihiol

CAS Registry Number: 473-01-8

Molecular Formula: $C_{10}H_{18}O$
Molecular Weight: 154.252
Accurate Mass: 154.135765
Percentage Composition: C 77.87%; H 11.76%; O 10.37%
Biological Source: Isol. from *Chamaecyparis formosensis*
Physical Description: Oil
Boiling Point: Bp_3 77-79°
Optical Rotation: $[\alpha]_D^{20}$ +39.6

>>**Derivative:** Carboxylic acid
Synonym(s): 6,6-Dimethylbicyclo[3.3.1]heptane-2-carboxylic acid. 10-Pinanoic acid. Dihydromyrtenic acid

Molecular Formula: $C_{10}H_{16}O_2$
Molecular Weight: 168.235
Accurate Mass: 168.11503
Percentage Composition: C 71.39%; H 9.59%; O 19.02%
Biological Source: Isol. from oils of *Chamaecyparis formosensis* and *Chamaecyparis obtusa*
Boiling Point: Bp_8 142-144°
Other Data: Stereochem. not detd.

>>**Variant:** (1*S*,2*R*,5*S*)-form
Synonym(s): (–)-*cis*-form

CAS Registry Number: 51152-12-6
Molecular Formula: $C_{10}H_{18}O$
Molecular Weight: 154.252
Accurate Mass: 154.135765
Percentage Composition: C 77.87%; H 11.76%; O 10.37%
Physical Description: Oil
Boiling Point: $Bp_{0.2}$ 65-67°
Optical Rotation: $[\alpha]_D^{25}$ –20.18 (c, 12 in $CHCl_3$)
Fluka: 70154