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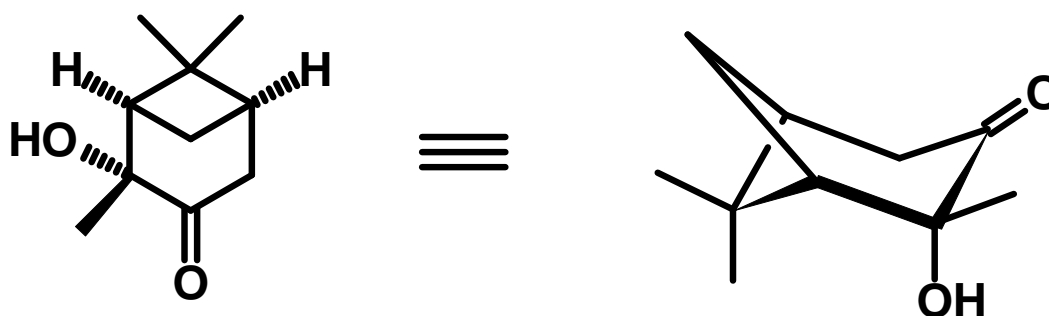
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## Product Specifications

### (1R,2R,5R)-(+)-2-Hydroxy-3-pinanone

CAS 24047-72-1

Structure:



Mol. Formula  
Source

$C_{10}H_{16}O_2$   
Synthetic

Mol. Wt.

168.23

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### Test

### Specification

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Identity	IR, glpc
Appearance	Colorless liquid or White (cast) solid
Mp	37-39 °C (lit.)
Bp	245 °C (lit.)
Assay (glpc)	> 98 %
ee (sp. rotation)	> 90 %
Sp. Rot., $[\alpha]_D$	+ 34-42° (C=0.5, $CHCl_3$ )
Moisture (K-F)	< 0.5 %
$d_{25}^{25^\circ C}$	1.059 g/mL (lit.)
RI, $\eta_D^{25^\circ C}$	1.486 (lit.)
Fp	106 °C

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*Storage:* Maintain in cool, dry containment.