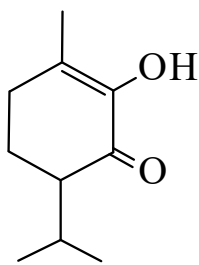




>>Entry Name: **2-Hydroxy-*p*-menth-1-en-3-one**

Synonym(s): 2-Hydroxy-3-methyl-6-(1-methylethyl)-2-cyclohexen-1-one. 2-Hydroxy-6-isopropyl-3-methyl-2-cyclohexen-1-one. **Buchucamphor**. Diosphenol. Buccocamphor. Barosma camphor



CAS Registry Number: 490-03-9

Molecular Formula: C₁₀H₁₆O₂

Molecular Weight: 168.235

Accurate Mass: 168.11503

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of oil of buchu (*Barosma* spp.), *Cymbopogon densiflorus*, *Mentha rotundifolia*

Physical Description: Cryst. by subl.

Melting Point: Mp 83-84°

Boiling Point: Bp₁₀ 110°

References:

Ohashi, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1976, **49**, 2292, (*synth, bibl*)

Schneider, D.F. *et al.*, *Synth. Commun.*, 1997, **27**, 3349-3360, (*synth, ir, pmr*)