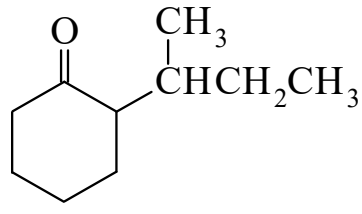
>>**Entry Name: 2-(1-Methylpropyl)cyclohexanone**
Synonym(s): 2-*sec*-Butylcyclohexanone. Freskomenthe



CAS Registry Number: 14765-30-1

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%

Aldrich: W32610-0
Fluka: 19825
Rare Chemicals Library: S62651-1

>>**Variant:** (±)-form

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%
Use/Importance: Used in perfumery
Physical Description: Oil with peppermint odour
Boiling Point: $Bp_{0.7}$ 48°. Bp_3 66-70°
Refractive Index: n_D^{20} 1.4603

>>**Derivative:** Oxime

Molecular Formula: $C_{10}H_{19}NO$
Molecular Weight: 169.266
Accurate Mass: 169.146664
Percentage Composition: C 70.96%; H 11.31%; N 8.27%; O 9.45%
Boiling Point: Bp_4 116-118°

References:

U.S. Pat., 3 124 614; *CA*, **60**, 14405
Booth, H. *et al.*, *Tetrahedron*, 1967, **23**, 2421, *(synth)*
Posner, G.H. *et al.*, *J.A.C.S.*, 1973, **95**, 7788, *(synth, pmr, ms)*
Pelosi, P. *et al.*, *Chem. Senses Flavour*, 1978, **3**, 331; *CA*, **90**, 69887v