



Accurate Mass: 129.078979

Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%

Melting Point: Mp 115°

>>**Derivative:** Phenylhydrazone

CAS Registry Number: 19604-61-6

Melting Point: Mp 121°

>>**Derivative:** 2,4-Dinitrophenylhydrazone

Melting Point: Mp 224-226 dec.°

>>**Derivative:** Semicarbazone

Melting Point: Mp 235-237°

>>**Derivative:** Me ether

Synonym(s): 2-Methoxycyclohexanone

CAS Registry Number: 87938-34-9

Extra CAS Registry Numbers(s): 7429-44-9

Molecular Formula: C₇H₁₂O₂

Molecular Weight: 128.171

Percentage Composition: C 65.60%; H 9.44%; O 24.97%

Boiling Point: Bp₇₅₀ 185°

Refractive Index: n_D²⁰ 1.4550

Aldrich: 22733-1

References:

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Bouveault, L. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1906, **142**, 1086-1089, (*synth*)
Posternak, T. *et al.*, *Helv. Chim. Acta*, 1955, **38**, 205-212, (*S-form, synth*)
Fetizon, M. *et al.*, *Chem. Comm.*, 1969, 1102, (*synth*)
Rubottom, G.M. *et al.*, *Tet. Lett.*, 1974, 4319, (*synth*)
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Harada, T. *et al.*, *J.O.C.*, 1989, **54**, 2599-2605, (*R-form, Ac*)
Jackson, P.M. *et al.*, *J.C.S. Perkin 1*, 1996, 2037, (*S-form, Me ether, synth, pmr*)
Sugimura, T. *et al.*, *Tetrahedron: Asymmetry*, 1998, **9**, 1007-1013, (*R-form, synth, Ac*)