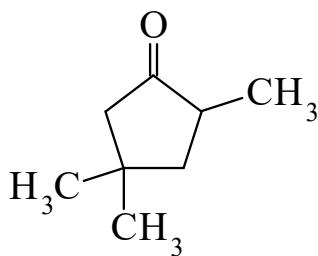




>>Entry Name: 2,4,4-Trimethylcyclopentanone, 9Cl, 8Cl



CAS Registry Number: 4694-12-6

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Biological Source: Isol. from oil of *Mentha pulegium*

Aldrich: 39077-1

>>Variant: (±)-form

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Boiling Point: Bp 160-161°. Bp₂₁ 61-62°

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 160.5°

>>Derivative: Semicarbazone

Physical Description: Cryst. (EtOH)

Melting Point: Mp 171-173°

References:

Naves, Y.R., *Helv. Chim. Acta*, 1944, **27**, 51, (*isol*)

Org. Synth., Coll. Vol., 4, 1963, 957, (*synth*)

Stothers, J.B. *et al.*, *Can. J. Chem.*, 1974, **52**, 308, (*cmr*)