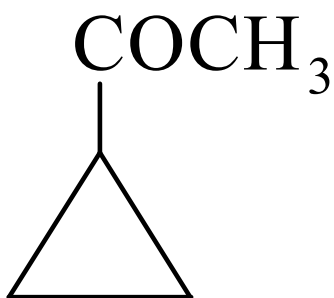




>>Entry Name: Acetylcyclopropane

Synonym(s): Cyclopropylethanone, 9CI. Cyclopropyl methyl ketone



CAS Registry Number: 765-43-5

Molecular Formula: C₅H₈O

Molecular Weight: 84.118

Accurate Mass: 84.057515

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

Use/Importance: Synthetic reagent

Physical Description: Oil with camphoraceous odour

Melting Point: Fp -68.4°

Boiling Point: Bp 114°

Solubility: Sol. H₂O

Other Data: Polymerises readily

Aldrich: C12000-6

Fluka: 29960

>>Derivative: Semicarbazone

Physical Description: Plates (MeOH)

Melting Point: Mp 121-122°

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 139-141°

References: