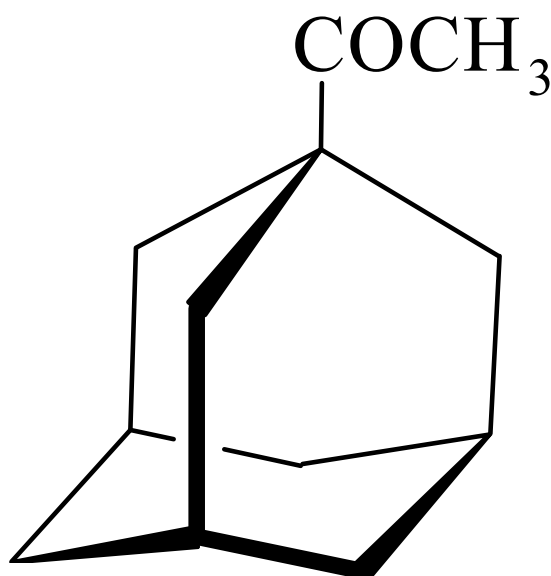




>>Entry Name: 1-Acetyladamantane

Synonym(s): 1-Tricyclo[3.3.1.1^{3,7}]dec-1-ylethanone, 9CI. 1-Adamantyl methyl ketone



CAS Registry Number: 1660-04-4

Molecular Formula: C₁₂H₁₈O

Molecular Weight: 178.274

Accurate Mass: 178.135765

Percentage Composition: C 80.85%; H 10.18%; O 8.97%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 55.5-56.5°

Aldrich: 14823-7

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 221°

References:

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Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 430A, (ir)
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Kell, D.R. *et al.*, *J.C.S. Perkin 1*, 1972, 2100, (synth)
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Miles, D.H. *et al.*, *Synth. Commun.*, 1976, **6**, 533, (synth)