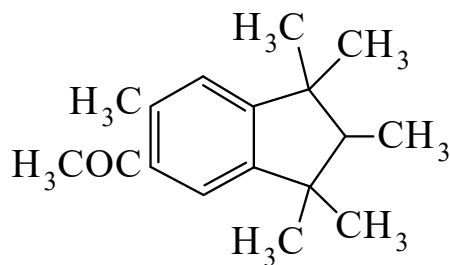




>>Entry Name: 5-Acetyl-1,1,2,3,3,6-hexamethylindane

Synonym(s): 1-(2,3-Dihydro-1,1,2,3,3,6-hexamethyl-1*H*-inden-5-yl)ethanone, 9CI. 1,1,2,3,3,6-Hexamethyl-5-indanyl methyl ketone, 8CI. Phantolide. Musk phantolide



CAS Registry Number: 15323-35-0

Molecular Formula: C₁₇H₂₄O

Molecular Weight: 244.376

Accurate Mass: 244.182715

Percentage Composition: C 83.55%; H 9.90%; O 6.55%

Use/Importance: Musk odorant

Physical Description: Cryst. (MeOH or EtOH)

Melting Point: Mp 63.5°

Boiling Point: Bp₂ 120°

>>Derivative: 4-Phenylsemicarbazone

Physical Description: Needles (EtOH) or flakes

Melting Point: Mp 170° (needles). Mp 182° (flakes)

References:

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U.K. Pat., 1958, 716 585; *CA*, **53**, 2190a, (*synth*)

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Opdyke, D.L.J., *Food Cosmet. Toxicol.*, Suppl., 1975, **13**, 693; *CA*, **86**, 161035t, (*rev, tox*)

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