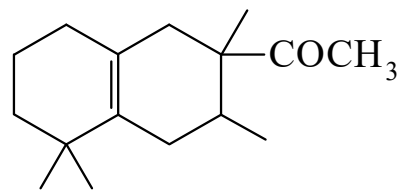




>>Entry Name: 6-Acetyl-1,2,3,4,5,6,7,8-octahydro-1,1,6,7-tetramethylnaphthalene

Synonym(s): 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,5,5-tetramethyl-2-naphthalenyl)ethanone, 9Cl. Iso E Super



CAS Registry Number: 54464-57-2

Related CAS Registry Numbers(s): 59056-93-8 59056-94-9 144651-56-9

Molecular Formula: C₁₆H₂₆O

Molecular Weight: 234.381

Accurate Mass: 234.198365

Percentage Composition: C 81.99%; H 11.18%; O 6.83%

Use/Importance: Synthetic amber fragrance used in soaps, perfumes and detergents

Boiling Point: Bp_{2.8} 134-135°

Other Data: Mixt. of *cis* and *trans*-isomers with the *trans*-isomer predominating

References:

U.S. Pat., 1975, 3 929 677; *CA*, **84**, 165076b

Yuan, Y. *et al.*, *Chin. Chem. Lett.*, 1992, **3**, 507; *CA*, **118**, 39175r, (*synth*)