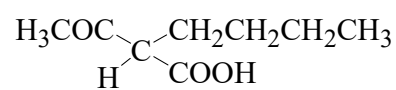




>>Entry Name: 2-Acetylhexanoic acid



Molecular Formula: C₈H₁₄O₃

Molecular Weight: 158.197

Accurate Mass: 158.094295

Percentage Composition: C 60.74%; H 8.92%; O 30.34%

>>Variant: (±)-form

Molecular Formula: C₈H₁₄O₃

Molecular Weight: 158.197

Accurate Mass: 158.094295

Percentage Composition: C 60.74%; H 8.92%; O 30.34%

>>Derivative: Et ester

CAS Registry Number: 1540-29-0

Molecular Formula: C₁₀H₁₈O₃

Molecular Weight: 186.25

Accurate Mass: 186.125595

Percentage Composition: C 64.49%; H 9.74%; O 25.77%

Boiling Point: Bp₁₆ 112-117°

Density: d₄²⁰ 0.95

Refractive Index: n_D 1.4301

References:

Org. Synth., Coll. Vol., I, 1932, 248-250, (*Et ester, synth*)

Ceuterick, P., *Bull. Soc. Chim. Belg.*, 1936, **45**, 545-564; *CA*, **31**, 919, (*Et ester, synth*)

Zaugg, H.E. *et al.*, *J.O.C.*, 1961, **26**, 644-651, (*Et ester, synth*)

Wamhoff, H. *et al.*, *Annalen*, 1969, **722**, 12-20, (*Et ester, tautom*)

Brandaenge, S. *et al.*, *Acta Chem. Scand., Ser. B*, 1987, **41**, 740-744, (*Et ester, synth, cmr*)

Deng, R. *et al.*, *Synth. Commun.*, 1994, **24**, 111-115, (*Et ester, synth*)