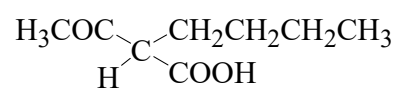




>>Entry Name: 2-Acetylhexanoic acid



**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>O<sub>3</sub>

**Molecular Weight:** 158.197

**Accurate Mass:** 158.094295

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

>>Variant: (±)-form

**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>O<sub>3</sub>

**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:** C<sub>10</sub>H<sub>18</sub>O<sub>3</sub>

**Molecular Weight:** 186.25

**Accurate Mass:** 186.125595

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

**Boiling Point:** Bp<sub>16</sub> 112-117°

**Density:** d<sub>4</sub><sup>20</sup> 0.95

**Refractive Index:** n<sub>D</sub> 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*)