



**Density:** d 0.89

>>**Derivative:** 2-Propenoyl

**Synonym(s):** Heptyl 2-propenoate

**CAS Registry Number:** 2499-58-3

**Molecular Formula:** C<sub>10</sub>H<sub>18</sub>O<sub>2</sub>

**Molecular Weight:** 170.251

**Accurate Mass:** 170.13068

**Percentage Composition:** C 70.55%; H 10.66%; O 18.80%

**Boiling Point:** Bp<sub>1</sub> 56-58°

**Density:** d<sub>4</sub><sup>20</sup> 0.89

**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.4311

>>**Derivative:** Butanoyl

**Synonym(s):** Heptyl butanoate. FEMA 2549

**CAS Registry Number:** 5870-93-9

**Molecular Formula:** C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>

**Molecular Weight:** 186.294

**Accurate Mass:** 186.16198

**Percentage Composition:** C 70.92%; H 11.90%; O 17.18%

**Use/Importance:** Used in cosmetics and food flavouring

**Boiling Point:** Bp 225°

**Density:** d 0.88

>>**Derivative:** Pentanoyl

**Synonym(s):** Heptyl pentanoate

**CAS Registry Number:** 5451-80-9

**Molecular Formula:** C<sub>12</sub>H<sub>24</sub>O<sub>2</sub>

**Molecular Weight:** 200.32

**Accurate Mass:** 200.17763

**Percentage Composition:** C 71.95%; H 12.08%; O 15.97%

**Use/Importance:** Used in perfumery

**Boiling Point:** Bp 243°

**Density:** d 0.88

>>**Derivative:** Hexanoyl

**Synonym(s):** Heptyl hexanoate. Heptyl caproate

**CAS Registry Number:** 6976-72-3

**Molecular Formula:** C<sub>13</sub>H<sub>26</sub>O<sub>2</sub>

**Molecular Weight:** 214.347

**Accurate Mass:** 214.19328

**Percentage Composition:** C 72.85%; H 12.23%; O 14.93%

**Boiling Point:** Bp 260°

**Density:** d 0.87

>>**Derivative:** Heptanoyl

**Synonym(s):** Heptyl heptanoate

**CAS Registry Number:** 624-09-9

**Molecular Formula:** C<sub>14</sub>H<sub>28</sub>O<sub>2</sub>

**Molecular Weight:** 228.374

**Accurate Mass:** 228.20893

**Percentage Composition:** C 73.63%; H 12.36%; O 14.01%

**Use/Importance:** Used in perfumery and food flavouring

**Boiling Point:** Bp 274°

**Density:** d 0.86