



**Biological Source:** Found in lavender and sage oils  
**Use/Importance:** Used in perfumery and food flavouring  
**Boiling Point:** Bp 226°. Bp<sub>0.1</sub> 52-54°  
**Density:** d 0.89  
**Aldrich:** W26450-4

>> **Derivative:** 2-Methylpropanoyl  
**Synonym(s):** Linalyl isobutyrate. FEMA 2640

**CAS Registry Number:** 78-35-3  
**Type of Compound Code(s):** WE2000 WI5000  
**Molecular Formula:** C<sub>14</sub>H<sub>24</sub>O<sub>2</sub>  
**Molecular Weight:** 224.342  
**Accurate Mass:** 224.17763  
**Percentage Composition:** C 74.95%; H 10.78%; O 14.26%  
**Biological Source:** Found in lavender and Ceylon cinnamon oils  
**Use/Importance:** Used in perfumery and food flavouring  
**Boiling Point:** Bp 230°. Bp<sub>0.1</sub> 63-65°  
**Density:** d 0.88

>> **Derivative:** Butanoyl  
**Synonym(s):** Linalyl butyrate. FEMA 2639

**CAS Registry Number:** 78-36-4  
**Type of Compound Code(s):** WE2000 WI3500  
**Molecular Formula:** C<sub>14</sub>H<sub>24</sub>O<sub>2</sub>  
**Molecular Weight:** 224.342  
**Accurate Mass:** 224.17763  
**Percentage Composition:** C 74.95%; H 10.78%; O 14.26%  
**Biological Source:** Present in kumquat peel and lavender oils  
**Use/Importance:** Used in perfumery and food flavouring  
**Boiling Point:** Bp 238°. Bp<sub>0.2</sub> 80-82°  
**Density:** d 0.9  
**Refractive Index:** n<sub>D</sub><sup>25</sup> 1.4483  
**Aldrich:** W26390-7

>> **Derivative:** 3-Methylbutanoyl  
**Synonym(s):** Linalyl isovalerate. FEMA 2646

**CAS Registry Number:** 1118-27-0  
**Extra CAS Registry Numbers(s):** 50649-12-2  
**Type of Compound Code(s):** WI5000 WE2000  
**Molecular Formula:** C<sub>15</sub>H<sub>26</sub>O<sub>2</sub>  
**Molecular Weight:** 238.369  
**Accurate Mass:** 238.19328  
**Percentage Composition:** C 75.58%; H 10.99%; O 13.42%  
**Biological Source:** Present in sage (*Salvia officinalis*) and *Salvia spinosa*  
**Use/Importance:** Used in perfumery and food flavouring  
**Aldrich:** W26460-1

>> **Derivative:** Hexanoyl  
**Synonym(s):** Linalyl hexanoate. Linalyl caproate

**CAS Registry Number:** 7779-23-9  
**Molecular Formula:** C<sub>16</sub>H<sub>28</sub>O<sub>2</sub>  
**Molecular Weight:** 252.396  
**Accurate Mass:** 252.20893  
**Percentage Composition:** C 76.14%; H 11.18%; O 12.68%  
**Use/Importance:** Used in perfumery and food flavouring  
**Boiling Point:** Bp 252°  
**Density:** d 0.9  
**Other Data:** Poorly documented