



**Density:** d 0.86

>>**Derivative:** Benzoyl

**CAS Registry Number:** 7155-12-6

**Molecular Formula:** C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>

**Molecular Weight:** 220.311

**Accurate Mass:** 220.14633

**Percentage Composition:** C 76.33%; H 9.15%; O 14.52%

**Boiling Point:** Bp<sub>100</sub> 216-217°. Bp<sub>10</sub> 150°

>>**Derivative:** 4-Hydroxybenzoyl

**Synonym(s):** Heptyl 4-hydroxybenzoate

**CAS Registry Number:** 1085-12-7

**Molecular Formula:** C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>

**Molecular Weight:** 236.31

**Accurate Mass:** 236.141245

**Percentage Composition:** C 71.16%; H 8.53%; O 20.31%

**Melting Point:** Mp 49-51°

>>**Derivative:** 4-Nitrobenzoyl

**CAS Registry Number:** 14309-44-5

**Melting Point:** Mp 7.9°

**Boiling Point:** Bp<sub>5</sub> 147-155°

>>**Derivative:** Phenylurethane

**Melting Point:** Mp 60°

>>**Derivative:** Me ether

**Synonym(s):** 1-Methoxyheptane, 9Cl. Heptyl methyl ether

**CAS Registry Number:** 629-32-3

**Molecular Formula:** C<sub>8</sub>H<sub>18</sub>O

**Molecular Weight:** 130.23

**Accurate Mass:** 130.135765

**Percentage Composition:** C 73.78%; H 13.93%; O 12.29%

**Boiling Point:** Bp 149-150°

>>**Derivative:** Et ether

**Synonym(s):** 1-Ethoxyheptane. Ethyl heptyl ether

**CAS Registry Number:** 1969-43-3

**Molecular Formula:** C<sub>9</sub>H<sub>20</sub>O

**Molecular Weight:** 144.256

**Accurate Mass:** 144.151415

**Percentage Composition:** C 74.94%; H 13.97%; O 11.09%

**Physical Description:** Liq. with pleasant odour

**Boiling Point:** Bp 142-144°

**References:**