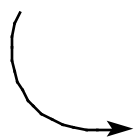


# Naming Simple Organic Molecular Compounds

<u>Alkanes</u>	<u>Alkenes</u>	<u>Halides</u>	<u>Alcohols</u>	<u>Acids</u>	<u>Amines</u>
CH <sub>4</sub> methane		CH <sub>3</sub> Cl chloromethane	CH <sub>3</sub> OH methanol	HCO <sub>2</sub> H methanoic acid	CH <sub>3</sub> NH <sub>2</sub> aminomethane
C <sub>2</sub> H <sub>6</sub> ethane	C <sub>2</sub> H <sub>4</sub> ethene	C <sub>2</sub> H <sub>5</sub> Br bromoethane	C <sub>2</sub> H <sub>5</sub> OH ethanol	CH <sub>3</sub> CO <sub>2</sub> H ethanoic acid	C <sub>2</sub> H <sub>5</sub> NH <sub>2</sub> aminoethane
C <sub>3</sub> H <sub>8</sub> propane	C <sub>3</sub> H <sub>6</sub> propene	C <sub>3</sub> H <sub>7</sub> F fluoropropane	C <sub>3</sub> H <sub>7</sub> OH propanol	C <sub>2</sub> H <sub>5</sub> CO <sub>2</sub> H propanoic acid	C <sub>3</sub> H <sub>7</sub> NH <sub>2</sub> aminopropane
C <sub>4</sub> H <sub>10</sub> butane	C <sub>4</sub> H <sub>8</sub> butene	C <sub>4</sub> H <sub>9</sub> I iodobutane	C <sub>4</sub> H <sub>9</sub> OH butanol	C <sub>3</sub> H <sub>7</sub> CO <sub>2</sub> H butanoic acid	C <sub>4</sub> H <sub>9</sub> NH <sub>2</sub> aminobutane
C <sub>5</sub> H <sub>12</sub> pentane	C <sub>5</sub> H <sub>10</sub> pentene	C <sub>5</sub> H <sub>11</sub> Cl chloropentane	C <sub>5</sub> H <sub>11</sub> OH pentanol	C <sub>4</sub> H <sub>9</sub> CO <sub>2</sub> H pentanoic acid	C <sub>5</sub> H <sub>11</sub> NH <sub>2</sub> aminopentane
C <sub>6</sub> H <sub>14</sub> hexane	C <sub>6</sub> H <sub>12</sub> hexene	C <sub>6</sub> H <sub>13</sub> Cl chlorohexane	C <sub>6</sub> H <sub>13</sub> OH hexanol	C <sub>5</sub> H <sub>11</sub> CO <sub>2</sub> H hexanoic acid	C <sub>6</sub> H <sub>13</sub> NH <sub>2</sub> aminohexane
C <sub>7</sub> H <sub>16</sub> heptane	C <sub>7</sub> H <sub>14</sub> heptene	C <sub>7</sub> H <sub>15</sub> Cl chloroheptane	C <sub>7</sub> H <sub>15</sub> OH heptanol	C <sub>6</sub> H <sub>13</sub> CO <sub>2</sub> H heptanoic acid	C <sub>7</sub> H <sub>15</sub> NH <sub>2</sub> aminoheptane
C <sub>8</sub> H <sub>18</sub> octane	C <sub>8</sub> H <sub>16</sub> octene	C <sub>8</sub> H <sub>16</sub> Cl <sub>2</sub> dichlorooctane	C <sub>8</sub> H <sub>17</sub> OH octanol	C <sub>7</sub> H <sub>15</sub> CO <sub>2</sub> H octanoic acid	C <sub>8</sub> H <sub>17</sub> NH <sub>2</sub> aminooctane
C <sub>9</sub> H <sub>20</sub> nonane	C <sub>9</sub> H <sub>18</sub> nonene	C <sub>9</sub> H <sub>16</sub> Cl <sub>4</sub> tetrachlorononane	C <sub>9</sub> H <sub>19</sub> OH nonanol	C <sub>8</sub> H <sub>17</sub> CO <sub>2</sub> H nonanoic acid	C <sub>9</sub> H <sub>19</sub> NH <sub>2</sub> aminononane
C <sub>10</sub> H <sub>22</sub> decane	C <sub>10</sub> H <sub>20</sub> decene	C <sub>10</sub> H <sub>21</sub> Cl chlorodecane	C <sub>10</sub> H <sub>21</sub> OH decanol	C <sub>9</sub> H <sub>19</sub> CO <sub>2</sub> H decanoic acid	C <sub>10</sub> H <sub>21</sub> NH <sub>2</sub> aminodecane



alkyl groups

— CH <sub>3</sub>	methyl
— C <sub>2</sub> H <sub>5</sub>	ethyl
— C <sub>3</sub> H <sub>7</sub>	propyl
— C <sub>4</sub> H <sub>9</sub>	butyl