

**Tabela 1 Alcanos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
1 . Metano	CH <sub>4</sub>	$\begin{array}{c} \text{H} \\   \\ \text{H} - \text{C} - \text{H} \\   \\ \text{H} \end{array}$
2 . Etano	C <sub>2</sub> H <sub>6</sub>	$\begin{array}{cc} \text{H} & \text{H} \\   &   \\ \text{H} - \text{C} & - \text{C} - \text{H} \\   &   \\ \text{H} & \text{H} \end{array}$

**Tabela 2 Alcanos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
3 . Propano	$C_3H_8$	$  \begin{array}{ccccccc}  & H & & H & & H & \\  &   & &   & &   & \\  H & - C & - & C & - & C & - H \\  &   & &   & &   & \\  & H & & H & & H &   \end{array}  $
4 . Butano	$C_4H_{10}$	$  \begin{array}{cccccccc}  & H & & H & & H & & H & \\  &   & &   & &   & &   & \\  H & - C & - & C & - & C & - & C & - H \\  &   & &   & &   & &   & \\  & H & & H & & H & & H &   \end{array}  $

**Tabela 3 Alcanos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
5 . Pentano	$C_5H_{12}$	<pre>       H   H   H   H   H                         H — C — C — C — C — C — H                               H   H   H   H   H           </pre>
6 . Hexano	$C_6H_{14}$	<pre>       H   H   H   H   H   H                             H — C — C — C — C — C — C — H                                   H   H   H   H   H   H           </pre>

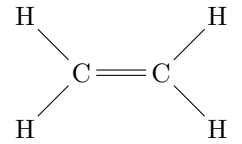
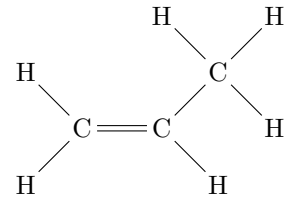
**Tabela 4 Alcanos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
7 . Heptano	$C_7H_{16}$	<pre>       H   H   H   H   H   H   H                                 H — C — C — C — C — C — C — C — H                                       H   H   H   H   H   H   H           </pre>
8 . Octano	$C_8H_{18}$	<pre>       H   H   H   H   H   H   H   H                                     H — C — C — C — C — C — C — C — C — H   H   H   H   H   H   H   H   H           </pre>

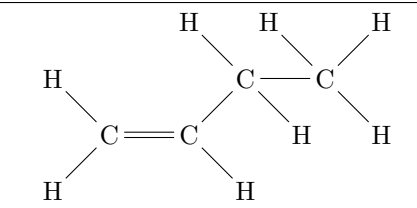
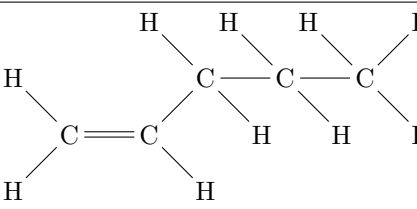
**Tabela 5 Alcanos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
9 . Nonano	$C_9H_{20}$	$  \begin{array}{ccccccccccc}  & H & H & H & H & H & H & H & H & H & \\  &   &   &   &   &   &   &   &   &   & \\  H & -C & -C & -C & -C & -C & -C & -C & -C & -C & -H \\  &   &   &   &   &   &   &   &   &   & \\  & H & H & H & H & H & H & H & H & H &   \end{array}  $
10 . Decano	$C_{10}H_{22}$	$  \begin{array}{cccccccccccc}  & H & H & H & H & H & H & H & H & H & H & \\  &   &   &   &   &   &   &   &   &   &   & \\  H & -C & -C & -C & -C & -C & -C & -C & -C & -C & -C & -H \\  &   &   &   &   &   &   &   &   &   &   & \\  & H & H & H & H & H & H & H & H & H & H &   \end{array}  $

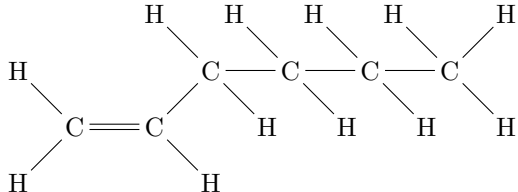
**Tabela 6 Alcenos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
11 . Eteno	$C_2H_4$	
12 . Propeno	$C_3H_6$	

**Tabela 7 Alcenos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
13 . Buteno	$C_4H_8$	
14 . Penteno	$C_5H_{10}$	

**Tabela 8 Alcenos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
15 . Hexeno	$C_6H_{12}$	



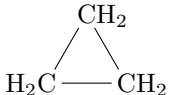
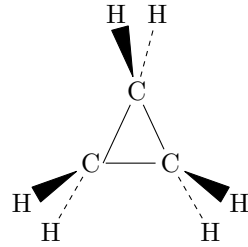
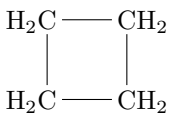
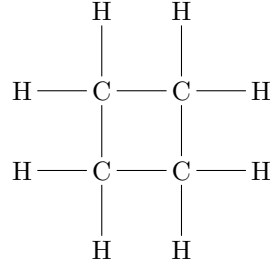
**Tabela 9 Alcinos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
16 . Etino ou Acetileno	$C_2H_2$	$H - C \equiv C - H$
17 . Propino	$C_3H_4$	$  \begin{array}{c}  H \\    \\  H - C \equiv C - C - H \\    \\  H  \end{array}  $
18 . Butino	$C_4H_6$	$  \begin{array}{c}  H \quad H \\    \quad   \\  H - C \equiv C - C - C - H \\    \quad   \\  H \quad H  \end{array}  $

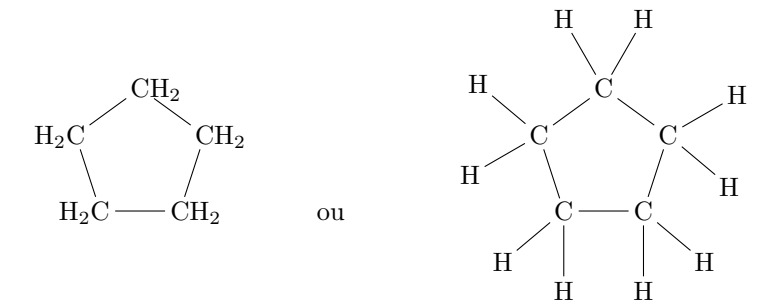
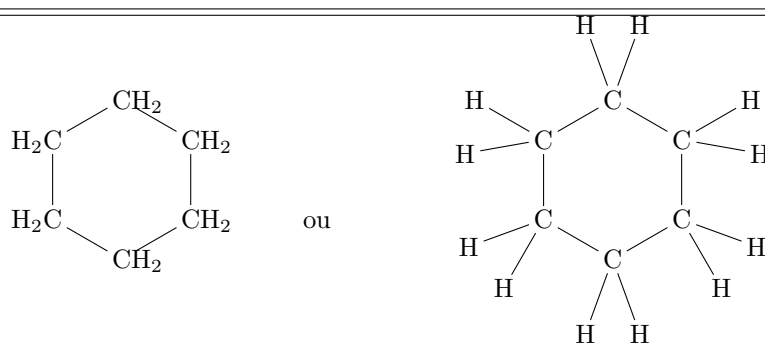
**Tabela 10 Alcinos Simples**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
19 . Pentino	$C_5H_8$	$  \begin{array}{ccccccc}  & & & H & H & H & \\  & & &   &   &   & \\  H & - & C \equiv C & - & C & - & C & - & C & - & H \\  & & &   &   &   & \\  & & & H & H & H &   \end{array}  $
20 . Hexino	$C_6H_{10}$	$  \begin{array}{cccccccc}  & & & H & H & H & H & \\  & & &   &   &   &   & \\  H & - & C \equiv C & - & C & - & C & - & C & - & C & - & H \\  & & &   &   &   &   & \\  & & & H & H & H & H &   \end{array}  $

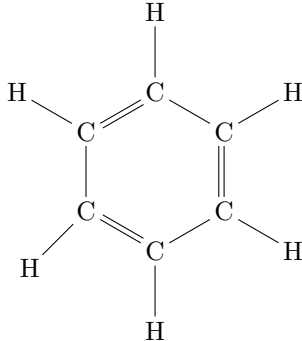
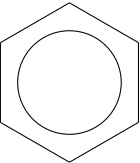
**Tabela 11 Cicloalcanos**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
21 . Ciclopropano	$C_3H_6$	 ou 
22 . Ciclobutano	$C_4H_8$	 ou 

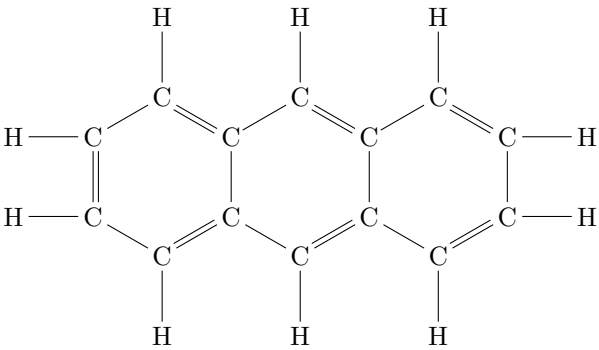
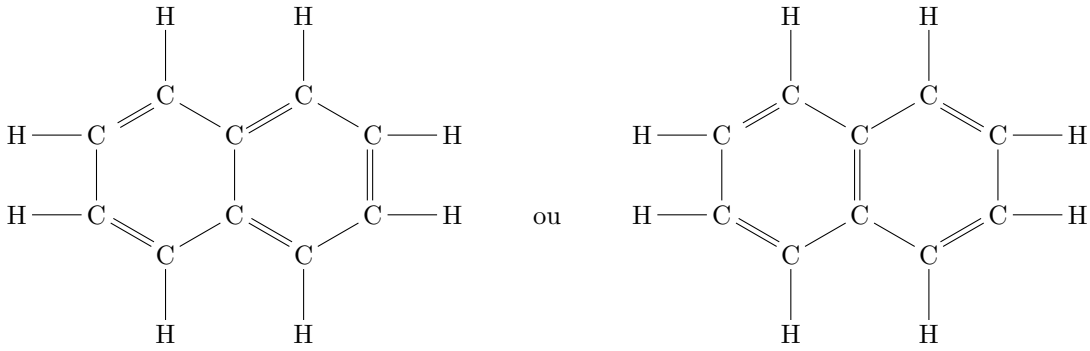
**Tabela 12 Cicloalcanos**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
23 . Ciclopentano	$C_5H_{10}$	
24 . Ciclohexano	$C_6H_{12}$	

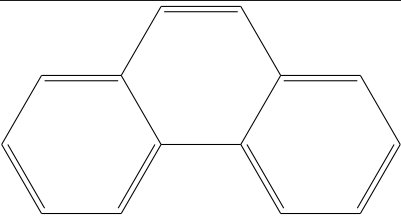
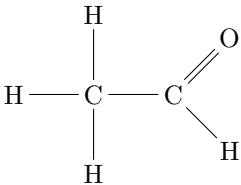
**Tabela 13 Ciclenos**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
25 . Anel Benzeno	$C_6H_6$	 <p>ou</p> 

**Tabela 14 Hidrocarboneto aromático policíclico.**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
26 . Antraceno	$C_{14}H_{10}$	
27 . Naftaleno	$C_{10}H_8$	

**Tabela 15 Outros Elementos**

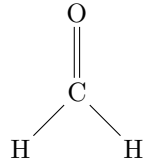
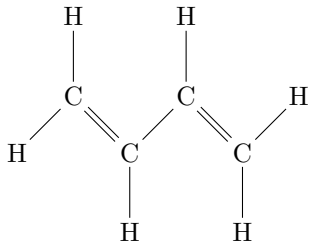
Nome do elemento	Fórmula molecular	Fórmula estrutural plana
28 . Fenantreno	$C_{14}H_{10}$	
29 . Etanal aldeído	$C_2H_4O$	

**Tabela 16 Outros Elementos**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
30 . Etenol	$C_2H_3OH$	
31 . Propanona	$CH_3(CO)CH_3$	



**Tabela 18 Outros Elementos**

Nome do elemento	Fórmula molecular	Fórmula estrutural plana
32 . Metanal	$\text{CH}_2\text{O}$	
33 . Butadieno	$\text{C}_4\text{H}_6$ (parecido com o Butino)	

**Tabela 19 Outros Elementos**

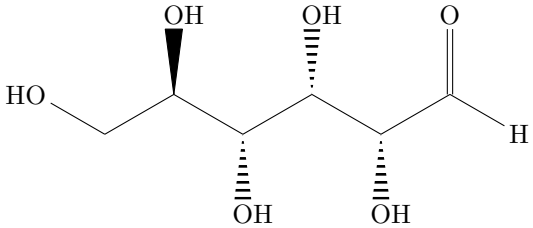
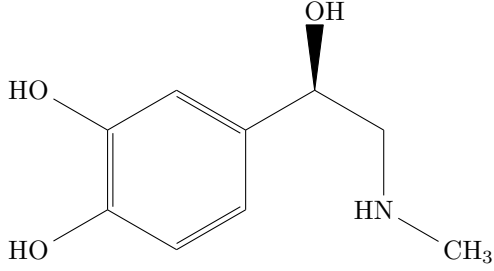
Nome da fórmula	Fórmula Linear	Fórmula Estrutural
34 . Glucose	$C_6H_{12}O_6$	

Tabela 20 Outros Elementos

Nome da fórmula	Fórmula Linear	Fórmula Estrutural
35 . Adrenalina	$C_9H_{13}NO_3$	
36 . Guanina	$C_5H_5N_5O$	