

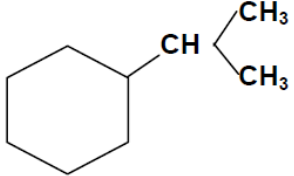
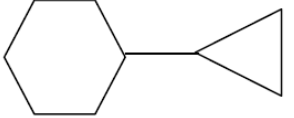
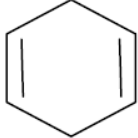
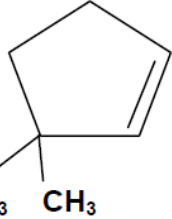
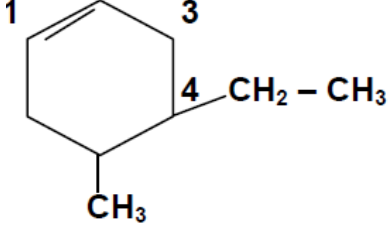
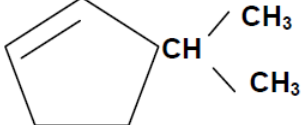
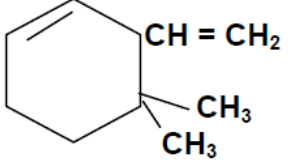
EJEMPLOS DE FORMULACIÓN Y NOMENCLATURA ORGÁNICA

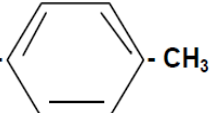
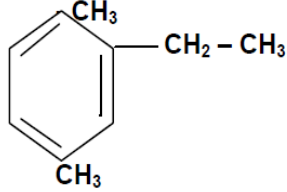
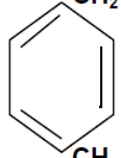
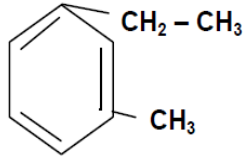
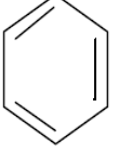
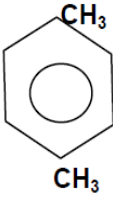
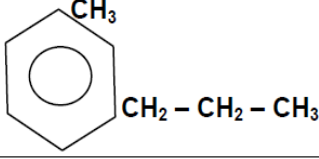
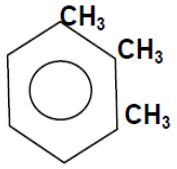
	FÓRMULA	NOMBRE
ALCANOS		
1.	$ \begin{array}{cccccc} \text{CH}_3 & - & \text{CH} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_3 \\ & & & & & & & & & & \\ & & \text{CH}_3 & & \text{CH}_2 & & & & \text{CH}_3 & & \\ & & & & & & & & & & \\ & & & & \text{CH}_3 & & & & & & \end{array} $	3 - etil - 2, 5 - dimetilhexano
2.	$ \begin{array}{ccccccc} \text{CH}_3 & - & \text{CH}_2 & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH} & - & \text{CH}_3 \\ & & & & & & & & & & & & \\ & & & & & & \text{CH}_2 & & \text{CH}_2 & & \text{CH}_3 & & \\ & & & & & & & & & & & & \\ & & & & & & \text{CH}_2 & & \text{CH}_3 & & & & \\ & & & & & & & & & & & & \\ & & & & & & \text{CH}_3 & & & & & & \end{array} $	3 - etil - 2 - metil - 4 - propilheptano
3.	$ \begin{array}{cccccc} & & \text{CH}_3 & & & \\ & & & & & \\ \text{CH}_3 & - & \text{CH}_2 & - & \text{C} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH}_3 \\ & & & & & & & & & & \\ & & & & \text{CH}_3 & & \text{CH}_2 & & & & \\ & & & & & & & & & & \\ & & & & & & \text{CH}_3 & & & & \end{array} $	4 - etil - 3, 3 - dimetilhexano
4.	$ \begin{array}{ccc} & \text{CH}_3 & \\ & & \\ \text{CH}_3 & - & \text{C} & - & \text{CH}_3 \\ & & & & \\ & \text{CH}_3 & & & \end{array} $	Dimetilpropano
5.	$ \begin{array}{cccccc} \text{CH}_3 & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH}_2 & - & \text{CH}_3 \\ & & & & & & & & & & & & \\ & & & & \text{CH}_3 & & \text{CH}_2 & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & \text{CH}_3 & & & & & & \end{array} $	4 - etil - 3 - metilheptano
6.	$ \begin{array}{cccccccc} & & \text{CH}_3 & & & & & \text{CH}_3 & & & \\ & & & & & & & & & & \\ & & \text{CH}_2 & & & & & \text{CH}_2 & & & \\ \text{CH}_3 & - & \text{CH}_2 & - & \text{C} & - & \text{CH}_2 & - & \text{CH}_2 & - & \text{C} & - & \text{CH}_2 & - & \text{CH}_3 \\ & & & & & & & & & & & & & \\ & & & & \text{CH}_2 & & & & & & \text{CH}_2 & & & \\ & & & & & & & & & & & & & \\ & & & & \text{CH}_3 & & & & & & \text{CH}_3 & & & \end{array} $	3, 3, 6 - trietil - 6 - metiloctano
7.	$ \begin{array}{ccc} & \text{CH}_3 & \\ & & \\ \text{CH}_3 & - & \text{C} & - & \text{CH}_2 & - & \text{CH}_3 \\ & & & & & & \\ & \text{CH}_3 & & & & & \end{array} $	2, 2 - dimetilbutano

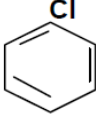
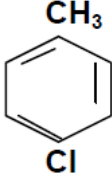
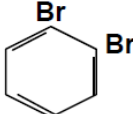
	FÓRMULA	NOMBRE
ALCANOS		
8.	$ \begin{array}{ccccccccccc} & & & & & \text{CH}_3 & & & & & \\ & & & & & & & & & & \\ \text{CH}_3 - & \text{CH}_2 - & \text{CH} - & \text{CH}_2 - & \text{CH} - & \text{CH} - & \text{CH}_2 - & \text{CH}_2 - & \text{CH}_3 \\ & & & & & & & & \\ & & \text{CH}_2 & & \text{CH}_2 & & & & \\ & & & & & & & & \\ & & \text{CH}_3 & & \text{CH}_3 & & & & \end{array} $	3, 5 - dietil - 6 - metilnonano
9.	$ \begin{array}{cccccccc} \text{CH}_3 - & \text{CH} - & \text{CH} - & \text{CH}_2 - & \text{CH} - & (\text{CH}_2)_4 - & \text{CH}_3 \\ & & & & & & \\ & \text{CH}_3 & \text{CH}_3 & & \text{CH}_3 & & \end{array} $	2, 3, 5 - trimetildecano
10.	$ \begin{array}{ccccccc} \text{CH}_2 - & \text{CH}_2 - & \text{CH} - & \text{CH}_3 \\ & & & \\ \text{CH}_2 & & \text{CH}_2 & \\ & & & \\ \text{CH}_3 & & \text{CH}_2 & \\ & & & \\ & & \text{CH}_3 & \end{array} $	4 - metiloctano
11.	$ \begin{array}{cccccccc} \text{CH}_3 - & \text{CH} - & \text{CH}_2 - & \text{CH}_2 - & \text{CH} - & \text{CH}_2 - & \text{CH}_3 \\ & & & & & & \\ & \text{CH}_3 & & & \text{CH}_2 & & \\ & & & & & & \\ & & & & \text{CH}_3 & & \end{array} $	5 - etil - 2 - metilheptano
12.	$ \begin{array}{cccccccc} & \text{CH}_3 & & & & & & \\ & & & & & & & \\ \text{CH}_3 - & \text{C} - & \text{CH}_2 - & \text{CH}_2 - & \text{CH} - & \text{CH}_2 - & \text{CH}_3 \\ & & & & & & \\ & \text{CH}_3 & & & \text{CH}_2 & & \\ & & & & & & \\ & & & & \text{CH}_3 & & \end{array} $	5 - etil - 2, 2 - dimetilheptano
13.	$ \begin{array}{ccccccc} & \text{CH}_3 & & \text{CH}_3 & & & \\ & & & & & & \\ \text{CH}_3 - & \text{CH} - & \text{CH}_2 - & \text{C} - & \text{CH}_2 - & \text{CH}_3 \\ & & & & & \\ & & & \text{CH}_2 & & \\ & & & & & \\ & & & \text{CH}_2 & & \\ & & & & & \\ & & & \text{CH}_3 & & \end{array} $	4 - etil - 2, 4 - dimetilheptano
14.	$ \begin{array}{ccccccc} \text{CH}_3 - & (\text{CH}_2)_7 - & \text{CH} - & \text{CH}_3 \\ & & & \\ & & \text{CH}_3 & \end{array} $	2 - metildecano

	FÓRMULA	NOMBRE
ALQUENOS Y ALQUINOS		
17.	$\begin{array}{c} \text{CH}_2 = \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	2-etilpent-1-eno
18.	$\begin{array}{c} \text{CH}_2 = \text{C} - \text{CH}_2 - \text{C} = \text{CH} - \text{CH}_3 \\ \qquad \qquad \\ \text{CH}_3 \qquad \qquad \text{CH}_2 \\ \qquad \qquad \qquad \\ \qquad \qquad \qquad \text{CH}_3 \end{array}$	4-etil-2-metilhexa-2,4-dieno
19.	$\begin{array}{c} \text{CH}_2 = \text{CH} - \text{C} = \text{CH} - \text{CH} = \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	3-etilhexa-1,3,5-trieno
20.	$\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$	Hex-3-eno
21.	$\text{CH}_2 = \text{C} = \text{CH}_2$	Propadieno
22.	$\begin{array}{c} \text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH} - \text{CH} = \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	3-metilhexa-1,5-dieno
23.	$\begin{array}{c} \text{CH}_3 - \text{CH} = \text{CH} - \text{CH} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$	4-metilpent-2-eno
24.	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_2 = \text{CH} - \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	3,3-dimetilhept-1-eno
25.	$\begin{array}{c} \text{CH}_3 - \text{C} = \text{C} - \text{CH}_2 - \text{CH}_3 \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	2,3-dimetilpent-2-eno
26.	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH} = \text{CH}_2$	Penta-1,4-dieno
27.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{C} = \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	2-metilbut-1-eno
28.	$\begin{array}{c} \text{CH}_3 - \text{C} = \text{CH} - \text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	3-metilpent-2-eno
29.	$\text{CH}_2 = \text{CH} - \text{CH} = \text{CH} - \text{CH} = \text{CH}_2$	Hexa-1,3,5-trieno

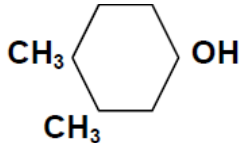
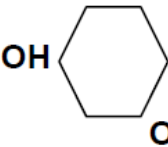
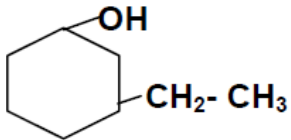
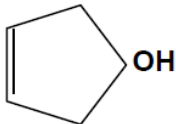
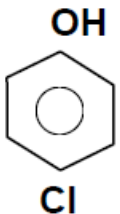
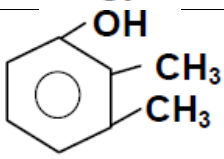
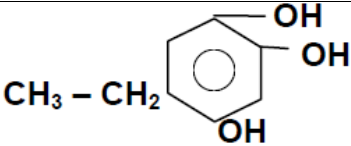
30.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{C} = \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ \quad \\ \text{CH}_2 \quad \text{CH}_2 \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	4,5-dietiloct-4-eno
31.	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$	Pent-2-eno
32.	$\text{CH}_2 = \text{CH} - \text{CH} = \text{CH}_2$	Buta-1,3-dieno
33.	$\text{CH}_2 = \text{CH}_2$	Eteno (etileno)
34.	$\text{CH} \equiv \text{C} - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{C} \equiv \text{CH}$	Oct-3-en-1,7-diino
35.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CH} - \text{C} \equiv \text{CH} \\ \\ \text{CH}_3 \end{array}$	3-metilpent-1-ino
36.	$\text{CH}_3 - \text{CH}_2 - \text{C} \equiv \text{CH}$	But-1-ino
37.	$\text{CH} \equiv \text{C} - \text{CH} = \text{CH} - \text{C} \equiv \text{CH}$	Hex-3-en-1,5-diino
38.	$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{C} - \text{C} \equiv \text{CH}$	Hex-1-en-3,5-diino
39.	$\begin{array}{c} \text{CH} \equiv \text{C} - \text{CH} - \text{CH} = \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	3-metilpent-1-en-4-ino
40.	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH} \equiv \text{C} - \text{CH} - \text{C} - \text{C} \equiv \text{C} - \text{CH}_3 \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	3,4,4-trimetilhepta-1,5-diino
41.	$\begin{array}{c} \text{CH}_2 = \text{CH} - \text{C} \equiv \text{C} - \text{CH} = \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$	6-metilhepta-1,5-dien-3-ino
42.	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{C} \equiv \text{CH}$	Pent-1-en-4-ino
43.	$\begin{array}{c} \text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH} - \text{C} \equiv \text{CH} \\ \\ \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$	3-propilhepta-1,5-diino
44.	$\begin{array}{c} \text{CH} \equiv \text{C} - \text{CH} - \text{C} \equiv \text{C} - \text{CH} - \text{CH}_2 - \text{CH}_3 \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	3,6-dimetilocta-1,4-diino
45.	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2 - \text{C} - \text{CH} = \text{C} = \text{CH} - \text{CH}_3 \\ \\ \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \end{array}$	5-metil-5-propilnona-2,3,7-trieno
46.	$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{CH}$	But-1-en-3-ino
47.	$\text{CH} \equiv \text{CH}$	Etino (acetileno)
HIDROCARBUROS CÍCLICOS		
48.	$\begin{array}{c} \text{CH}_2 - \text{CH}_2 \\ \quad \\ \text{CH} - \text{CH} \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	1,2-dimetilciclobutano

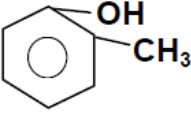
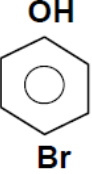
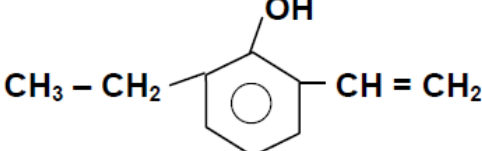
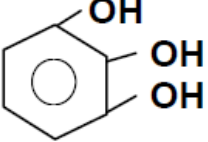
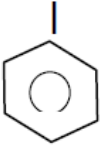
49.		Isopropilciclohexano
50.		Ciclopropilciclohexano
51.		Ciclohexa-1,4-dieno
52.		3,3-dimetilciclopenteno
53.		4-etil-5-metilciclohexeno
54.		3-isopropilciclopenteno
55.		4,4-dimetil-3-vinilciclohexeno

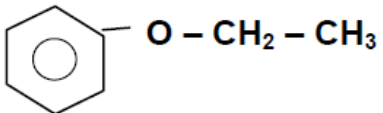
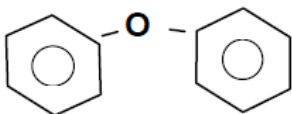
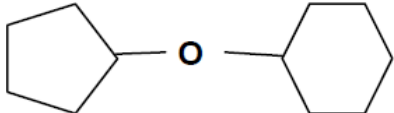
	FÓRMULA	NOMBRE
HIDROCARBUROS AROMÁTICOS		
55.	CH_3 -  - CH_3	p-dimetilbenceno
56.		2 - etil - 1, 4 - dimetilbenceno
57.	$\text{CH}_2 - \text{CH}_2 - \text{CH}_3$  $\text{CH}_2 - \text{CH}_2 - \text{CH}_3$	p-dipropilbenceno
58.		m-etilmetilbenceno
59.	$\text{CH}_3 - \text{CH}_2 - \text{C} = \text{CH}_2$ 	2 - fenil - 1 - buteno
60.		p-dimetilbenceno
61.		m-metilpropilbenceno
62.		1, 2, 3 - trimetilbenceno



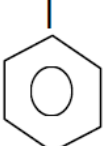
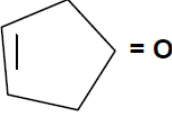
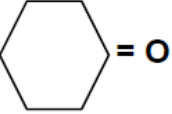
	FÓRMULA	NOMBRE
HALOGENUROS DE ALQUILO		
63.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CH} - \text{CHBr} - \text{CH}_2\text{Cl} \\ \\ \text{CH}_3 \end{array}$	2-bromo-1-cloro-3-metilpentano
64.	$\begin{array}{c} \text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_3 \\ \\ \text{Cl} \end{array}$	1-clorobut-2-eno
65.	$\text{CH}_2 = \text{CHCl}$	Cloroeteno o cloruro de vinilo
66.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CH} - \text{CH} = \text{CH} - \text{CHBr}_2 \\ \\ \text{CH}_3 \end{array}$	1,1-dibromo-4-metilhex-2-eno
67.	$\text{CH}_2\text{Cl} - \text{CHCl} - \text{C} \equiv \text{CH}$	3,4-diclorobut-1-ino
68.		Clorobenceno
69.		1-cloro-4-metilbenceno p-clorometilbenceno p-clorotolueno
70.	$\text{CH}_3 - \text{CHBr} - \text{CHBr} - \text{CH}_3$	2,3-dibromobutano
71.	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CHCl} - \text{CH}_3$	4-cloropent-2-eno
72.		1,2-dibromobenceno o-dibromobenceno
73.	$\begin{array}{c} \text{CH} = \text{CH} \\ \quad \\ \text{Cl} \quad \text{Cl} \end{array}$	1,2-dicloroeteno Dicloruro de etileno

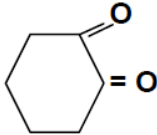
	FÓRMULA	NOMBRE
ALCOHOLES Y FENOLES		
74.	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{C} - \text{CH}_2\text{OH} \\ \\ \text{CH}_3 \end{array}$	2,2-dimetilpentan-1-ol
75.	$\text{CH}_2\text{OH} - \text{CHOH} - \text{CH}_2\text{OH}$	Propano-1,2,3-triol
76.	$\text{CH}_2 = \text{CH} - \text{CH}_2\text{OH}$	Prop-2-en-1-ol
77.	$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH}_2\text{OH}$	Hex-5-en-3-in-1-ol
78.	$\text{CH}_2\text{OH} - \text{CH}_2\text{OH}$	Etanodiol
79.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH} - \text{CH}_2\text{OH} \\ \\ \text{CH}_3 \end{array}$	2-metilpentan-1-ol

80.	$\text{CH}_2\text{OH} - \text{CHOH} - \text{CH}_2 - \text{CH}_3$	Butano-1,2-diol
81.	$\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_2\text{OH} \\ & & & & & & & & & & & & \\ & & & & \text{CH}_3 & & \text{OH} & & & & \text{OH} & & \end{array}$	5-metilheptano-1,2,4-triol
82.		3,4-dimetilciclohexanol
83.	$\text{CH}_2\text{OH} - \text{CHOH} - \text{COH} = \text{CH}_2$	But-3-eno-1,2,3-triol
84.		Ciclohexano-1,3-diol
85.	$\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH} & - & \text{CH}_2 & - & \text{CH}_2\text{OH} \\ & & & & & & \\ & & \text{CH}_3 & & & & \end{array}$	3-metilbutan-1-ol
86.	$\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH} & = & \text{CH} & - & \text{CHOH} \\ & & & & & & \\ & & & & & & \text{Cl} \end{array}$	1-clorobut-2-en-1-ol
87.		3-etilciclohexanol
88.	$\begin{array}{ccccccc} \text{CH}_2\text{OH} & - & \text{C} & = & \text{CH} & - & \text{CH}_2 & - & \text{CH}_3 \\ & & & & & & & & \\ & & \text{CH}_3 & & & & & & \end{array}$	2-metilpent-2-en-1-ol
89.		Ciclopent-3-en-1-ol
90.	$\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_3 \\ & & & & & & & & \\ & & \text{OH} & & & & \text{CH}_3 & & \end{array}$	4-metilpentan-2-ol
91.	$\text{CH}_2\text{OH} - \text{CH}_2 - \text{CH}_2\text{OH}$	Propano-1,3-diol
92.		p-clorofenol
93.		2,3-dimetilfenol
94.		5-etilbenceno-1,2,4-triol 5-etil-2,4-hidroxifenol

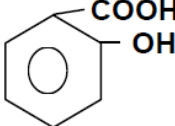
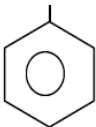
95.		o-metilfenol
96.		p-bromofenol
97.		2-etil-5-vinilfenol
98.		Benceno-1,2,3-triol 2,3-dihidroxifenol
99.	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_2\text{OH}$	Pent-3-en-1-ol
100.	$\text{CH}_2\text{OH} - \text{CH} - \text{CH}_3$ 	2-fenilpropan-1-ol

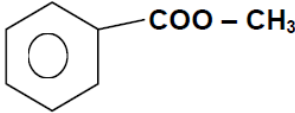
	FÓRMULA	NOMBRE
ÉTERES		
101.	$\text{CH}_3 - \text{CH}_2 - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Étilpropil éter Etoxipropano
102.	$\text{CH}_3 - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Metilpropil éter metoxipropano
103.	$\text{CH}_3 - \text{CHOH} - \text{CH}_2 - \text{O} - \text{CH}_2 - \text{CH}_2\text{OH}$	2-hidroxiètil-2-hidroxi-propil éter
104.	$\text{CH}_3 - \text{O} - \text{CH}_3$	Dimetiléter
105.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{O} - \text{CH} \begin{matrix} / \text{CH}_3 \\ \backslash \text{CH}_3 \end{matrix}$	Isopropilpropil éter
106.		Étilfenil éter etoxibenceno
107.		Difenil éter
108.	$\text{CH}_2 = \text{CH} - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Propilvinil éter
109.		Cilohexilciclopentil éter

	FÓRMULA	NOMBRE
ALDEHÍDOS Y CETONAS		
110.	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{C} \equiv \text{CH}$	Hept-1-en-6-in-4-ona
111.	$\text{CHO} - \text{CHOH} - \text{CH}_2 - \text{CHOH} - \text{CHO}$	2,4-dihidroxipentanodial
112.	$\text{CH}_2\text{Cl} - \text{CH}_2 - \text{CHO}$	3-cloropropanal
113.	$\text{CHO} - \text{CH}_2 - \text{CH}_2 - \text{CHO}$	Butanodial
113.	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CH} = \text{CH}_2$	Hex-5-en-3-ona
115.	$\text{CH}_3 - \text{CO} - \text{CH}_2 - \text{CO} - \text{CH}_3$	Pentano-2,4-diona
116.	$\text{CH}_3 - \text{CO} - \text{CO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Hexano-2,3-diona
117.	$\text{CHO} - \text{CH}_2 - \text{CHO}$	Propanodial
118.	$\text{CH}_3 - \text{CO} - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CH}_3$	Octano-2,4,6-triona
119.	 $\text{CH}_2 - \text{CH}_2 - \text{CHO}$	3-fenilpropanal
120.	$\text{CH}_3 - \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_2 - \text{CHO}$	3-metilpentanal
121.	$\text{CH}_2 = \text{CH} - \text{CHO}$	Propenal
122.	 $\text{CH} = \text{CH} - \text{CHO}$	3-fenilpropenal
123.	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CHO}$	Pent-4-enal
124.	$\text{CH} \equiv \text{C} - \underset{\text{C}_6\text{H}_5}{\text{CH}} - \text{CH}_2 - \text{CHO}$ 	3-fenilpent-4-inal
125.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CHO}$	Butanal
126.	$\text{CHO} - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CHO}$	Hept-2-enodial
127.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{CH}}} - \text{CH} - \text{CHO}$	3-etil-2-metilhexanal
128.	$\text{CH}_3 - \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} - \text{CO} - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_3$	2,4-dimetilhexan-3-ona
129.	 = O	Ciclopent-3-enona
130.	 = O	Ciclohexanona
131.	$\text{CH}_3 - \text{CO} - \text{CO} - \text{CH}_3$	Butanodiona
132.	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{CH}_3 - \text{CH}_3$	Pentan-3-ona

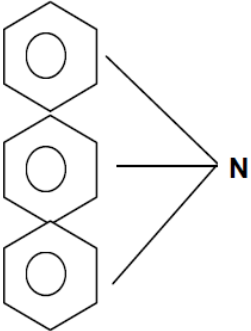
133.		Ciclohexano-1,2-diona
134.	$\begin{array}{c} \text{CH}_3 - \text{CH} - \text{CO} - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$	2-metilpentan-3-ona
135.	$\text{CH}_3 - \text{CO} - \text{CHOH} - \text{CH}_2\text{OH}$	3,4-dihidroxibutan-2-ona
136.	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CHO}$	Oct-3-en-6-inal
137.	$\text{CH}_2\text{OH} - \text{CHOH} - \text{CHO}$	2,3-dihidroxipropanal
138.	$\begin{array}{c} \text{CH}_3 - \text{CH} - \text{CHCl} - \text{CHO} \\ \\ \text{C}_6\text{H}_5 \end{array}$	2-cloro-3-fenilbutanal
139.	$\begin{array}{c} \text{CH}_2 = \text{CH} - \text{CH} = \text{CH} - \text{CH} - \text{CHO} \\ \\ \text{CH}_3 \end{array}$	2-metilhexa-3,5-dienal
140.	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CHO} - \text{C} \equiv \text{C} - \text{C} - \text{CH}_2 - \text{CHO} \\ \\ \text{CH}_3 \end{array}$	4,4-dimetilhex-2-inodial
141.	$\text{CHO} - \text{C} \equiv \text{C} - \text{CO} - \text{CHO}$	2-oxopent-3-inodial
142.	$\text{CH} \equiv \text{C} - \text{CHO}$	Propinal
143.	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{CH}_2\text{OH}$	1-hidroxibutan-2-ona

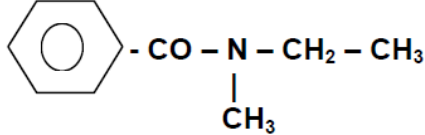
	FÓRMULA	NOMBRE
ÁCIDOS CARBOXÍLICOS		
144.	$\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH} - \text{CO} - \text{C}(\text{NH}_2)_2 - \text{COOH}$	Ácido 2,2-diamino-3-oxohept-4-enoico
145.	$\begin{array}{c} \text{CH}_2 = \text{CH} - \text{CH} - \text{COOH} \\ \\ \text{C}_6\text{H}_5 \end{array}$	Ácido 2-fenilbut-3-enoico
146.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CO} - \text{COOH}$	Ácido 2-oxopropanoico
147.	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CO} - \text{COOH}$	Ácido 2,4-dioxohexanoico
148.	$\text{COOH} - \text{CO} - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CO} - \text{COOH}$	Ácido 2,4,6-trioxoheptanodioico
149.	$\text{CH}_3 - \text{CH} = \text{CH} - \text{C} \equiv \text{C} - \text{COOH}$	Ácido Hex-4-en-2-inoico
150.	$\text{COOH} - \text{CO} - \text{CH}_2 - \text{CH}_2 - \text{CO} - \text{COOH}$	Ácido 2,5-dioxohexanodioico
151.	$\text{CH}_3 - \text{CH}_2 - \text{CHOH} - \text{COOH}$	Ácido 2-hidroxibutanoico
152.	$\text{COOH} - \text{CHOH} - \text{CHOH} - \text{COOH}$	Ácido 2,3-dihidroxibutanodioico

153.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \underset{\substack{ \\ \text{NH}_2}}{\text{CH}} - \text{COOH}$	Ácido 2-aminopentanoico
154.	$\text{CH}_3 - \text{CH}_2 - \underset{\substack{ \\ \text{CH}_3}}{\text{CH}} - \text{CH}_2 - \text{COOH}$	Ácido 3-metilpentanoico
155.	$\text{COOH} - \underset{\substack{ \\ \text{CH}_3}}{\text{CH}} - \underset{\substack{ \\ \text{CH}_3}}{\text{CH}} - \text{COOH}$	Ácido 2,3-dimetilbutanodioico
156.	$\text{CH}_3 - \text{CH} = \text{CH} - \underset{\substack{ \\ \text{CH}_3}}{\text{CH}} - \text{COOH}$	Ácido 2-metilpent-3-enoico
157.		Ácido 2-hidroxibencenoico Ácido o-hidroxibencenoico Ácido salicílico
158.	$\text{CH}_3 - \underset{\substack{ \\ \text{CH}_3}}{\text{CH}} - \underset{\substack{ \\ \text{Br}}}{\text{CH}} - \text{CH}_2 - \text{COOH}$	Ácido 3-bromo-4-metilpentanoico
159.	$\text{HCOO} - \text{CH} = \text{CH} - \text{COOH}$	Ácido butenodioico
160.	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CO} - \underset{\substack{ \\ \text{OH}}}{\text{CH}} - \text{COOH}$	Ácido 3-oxo-2-hidroxi-hex-4-enoico
161.	$\text{CH}_3 - \underset{\substack{ \\ \text{CH}_3}}{\text{CH}} - \text{C} \equiv \text{C} - \underset{\substack{ \\ \text{CHO}}}{\text{CH}} - \text{CO} - \underset{\substack{ \\ \text{Cl}}}{\text{CH}} - \text{COOH}$	Ácido 2-cloro-3-oxo-4-formil-7-metiloct-5-enoico
162.	$\begin{array}{cccccccccccc} & & & & & \text{CH}_3 & & & & & & & \\ & & & & & & & & & & & & \\ \text{CH}_2 = & \text{CH} - & \text{CH} - & \text{CH} - & \text{CO} - & \text{C} - & \text{CH} - & \text{CO} - & \text{CH} - & \text{COOH} \\ & & & & & & & & & \\ \text{OH} & \text{CH} & & & \text{CH}_3 & \text{CHO} & & & \text{Cl} & \\ & / \quad \backslash & & & & & & & & \\ & \text{CH}_3 & \text{CH}_3 & & & & & & & \end{array}$	Ácido 2-cloro-4-formil-8-hidroxi-7-isopropil-5,5-dimetil-3,6-dioxodec-9-enoico
163.	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH} = \text{CH} - \text{COOH}$	Ácido hept-2-en-5-inoico
164.	$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{C} - \underset{\substack{ \\ \text{C}_6\text{H}_5}}{\text{CH}} - \text{COOH}$ 	Ácido 2-fenilhex-3-en-5-inoico
165.	$\text{COOH} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH} = \text{CH} - \text{COOH}$	Ácido octa-2,5-dienodioico

	FÓRMULA	NOMBRE
ÉSTERES (SALES DE LOS ÁCIDOS CARBOXÍLICOS)		
166.	$\text{CH}_3 - \text{COO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Etanoato de butilo
167.	$\text{H} - \text{COO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Metanoato de propilo
168.	$\text{CH}_3 - \text{CH}_2 - \text{COO} - \text{CH}_2 - \text{CH}_3$	Propanoato de etilo
169.	$\text{CH}_3 - \text{COO} - \text{CH}_2 - \text{CH}_3$	Etanoato de etilo Acetato de etilo
170.	$\text{CH}_2 = \text{CH} - \text{COO} - \text{CH}_3$	Propenoato de metilo
171.	$\text{H} - \text{COO} - \text{CH} \begin{matrix} \diagup \text{CH}_3 \\ \diagdown \text{CH}_3 \end{matrix}$	Metanoato de isopropilo Formiato de isopropilo
172.		Benzoato de metilo
173.	$\text{CH}_3 - \text{COO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Etanoato de propilo
174.	$\text{H} - \text{COO} - \text{CH}_3$	Metanoato de metilo Formiato de metilo
175.	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{COO} - \text{CH} \begin{matrix} \diagup \text{CH}_3 \\ \diagdown \text{CH}_3 \end{matrix}$	But-3-enoato de isopropilo
176.	$\text{CH}_2 = \underset{\text{CHO}}{\text{CH}} - \underset{\text{OH}}{\text{CH}} - \text{C} \equiv \text{C} - \underset{\text{NH}_2}{\text{CH}} - \underset{\text{CH}_3}{\text{CH}} - \text{COO} - \text{CH} = \text{CH}_2$	3-amino-7-formil-6-hidroxi- 2-metiloct-7-en-4-inoato de vinilo

	FÓRMULA	NOMBRE
AMINAS		
177.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{CH}_3$	N- Metilpropanamina Metilpropilamina
178.	$\text{CH}_3 - \text{N} - \text{CH}_2 - \text{CH}_3$ CH_2 CH_3	Dietilmetilamina
179.	$\text{CH}_3 - \text{O} - \text{N} \begin{matrix} \diagup \text{CH}_2 - \text{CH}_3 \\ \diagdown \text{CH}_2 - \text{CH}_3 \end{matrix}$	Dietilmetoxiamina
180.	$\text{CH}_3 \begin{matrix} \diagup \\ \diagdown \end{matrix} \text{N} \begin{matrix} \diagup \text{CH}_3 \\ \diagdown \text{CH}_3 \end{matrix}$	Trimetilamina
181.	$\text{CH}_2 - \text{CH}_2$ $\text{CH}_2 - \text{CH} - \text{NH}_2$	Ciclobutanamina o ciclobutilamina
182.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{NH}_2$	Propanamina
183.	$\text{CH}_3 - \underset{\text{CH}_3}{\text{CH}} - \underset{\text{CH}_3}{\text{CH}} - \text{NH}_2$	1,2-dimetilpropanamina

184.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{N} - \text{CH}_2 - \text{CH}_3$ $\quad \quad \quad \quad \quad $ $\quad \quad \quad \quad \quad \text{CH}_3$	Etilmetilbutilamina o N,N-etilmetilbutanamina
185.		Trifenilamina
186.	$\begin{matrix} \text{CH}_3 \\ \searrow \\ \text{CH} - \text{NH}_2 \\ \nearrow \\ \text{CH}_3 \end{matrix}$	Isopropilamina o isopropanamina
187.	$\begin{matrix} \text{CH}_3 \\ \searrow \\ \text{CH} - \text{NH} - \text{CH}_3 \\ \nearrow \\ \text{CH}_3 \end{matrix}$	Metilisopropilamina N-metilisopropanamina
188.	$\begin{matrix} \text{CH}_3 \\ \searrow \\ \text{CH} - \text{N} \begin{matrix} \nearrow \text{CH}_3 \\ \searrow \text{CH}_2 - \text{CH}_3 \end{matrix} \\ \nearrow \\ \text{CH}_3 \end{matrix}$	Etilisopropilmetilamina N,N- Etilmetilisopropanamina

	FÓRMULA	NOMBRE
189.	$\text{NH}_2 - \text{CO} - \text{CH}_2 - \text{CH}_2 - \text{CO} - \text{NH}_2$	Butanodiamida
190.	$\begin{matrix} \text{CH}_3 - \text{CH} - \text{CONH}_2 \\ \\ \text{CH}_3 \end{matrix}$	Isobutanamida Metilpropanamida
191.	$\text{CONH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CONH}_2$	Pentanodiamida
192.	$\begin{matrix} \text{CH}_3 - \text{CH}_2 - \text{CH} - \text{CONH}_2 \\ \\ \text{CH}_3 \end{matrix}$	2-metilbutanoamida Sec-butanoamida
193.	$\begin{matrix} \text{H} - \text{CO} - \text{N} - \text{CH}_3 \\ \\ \text{CH}_3 \end{matrix}$	N,N-dimetilmetanamida N,N-dimetilformamida
194.	$\begin{matrix} \text{CH}_3 - \text{CO} - \text{N} - \text{CO} - \text{CH}_3 \\ \\ \text{CH}_3 \end{matrix}$	N-metildietanamida N-metildiactamida
195.	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{NH} - \text{CH}_2 - \text{CH}_3$	N-etilpropanamida
196.		N,N-etilmetilbenzamida
197.	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CONH}_2$	Pentanamida

198.	$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CO} - \text{N} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$	N,N-dimetilpropanamida
199.	$\text{CH}_3 - \text{CO} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CON} \begin{cases} \text{CH}_3 \\ \text{CH} = \text{CH}_2 \end{cases}$	N,N-metilvinil-5-oxohex-2-enamida
200.	$\text{CH}_3 - \text{CH}_2 - \text{CONH}_2$	Propanamida
201.	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{NH} - \text{CH}_3$	N-metilpropanamida
202.	$\text{CH}_2 = \text{CH} - \text{CONH}_2$	Propenamida