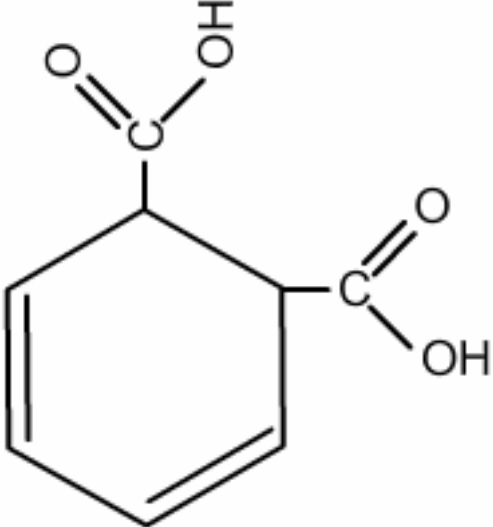
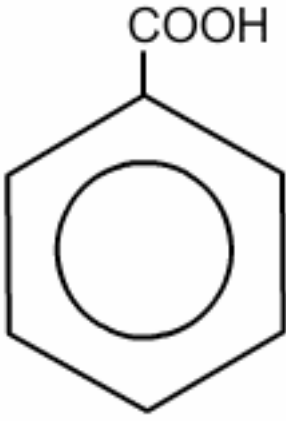
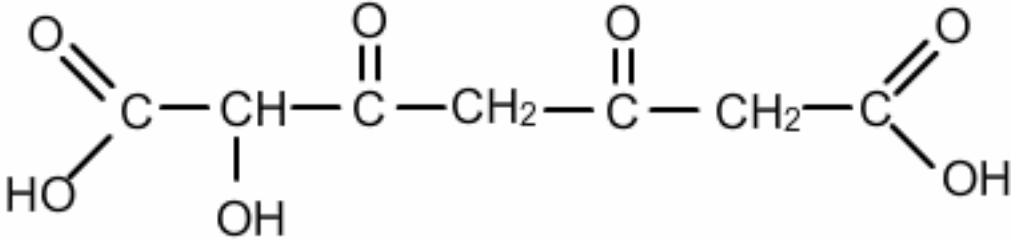
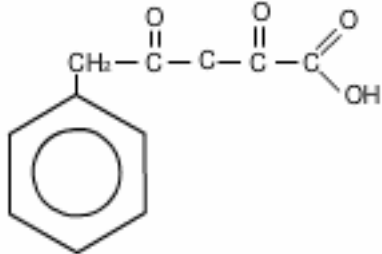
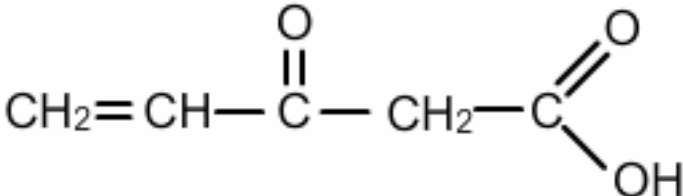


EJERCICIOS NOMENCLATURA DE ÁCIDOS CARBOXÍLICOS

N°	Fórmula	Nombre
1	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{C} \begin{array}{l} \text{=O} \\ \text{OH} \end{array}$	
2	$\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_2-\overset{\text{OH}}{\text{CH}}-\overset{\text{O}}{\parallel}{\text{C}} \begin{array}{l} \text{OH} \\ \text{OH} \end{array}$	
3	$\begin{array}{c} \text{O} \\ \parallel \\ \text{C} \\ \text{HO} \end{array} - \text{CH}_2 - \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \\ \text{CH}_3 - \text{CH} - \text{CH}_3 \\ \\ \text{CH}_3 - \text{CH} - \text{CH}_3 \end{array} - \overset{\text{O}}{\parallel}{\text{C}} - \text{CH}_3$	
4	$\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_2-\overset{\text{OH}}{\text{CH}}-\overset{\text{O}}{\parallel}{\text{C}} \begin{array}{l} \text{OH} \\ \text{OH} \end{array}$	
5	$\text{CH}_3-\overset{\text{OH}}{\text{C}}=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}=\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}} \begin{array}{l} \text{OH} \\ \text{OH} \end{array}$	
6	$\begin{array}{c} \text{COOH} \\ \\ \text{HOOC}-\text{CH}-\text{CH}-\text{CH}_2-\text{COOH} \\ \\ \text{CH}_3 \end{array}$	

7		
8		
9		
10		
11		

12	$\begin{array}{c} \text{O} \\ \parallel \\ \text{HO}-\text{C}-\text{CHOH}-\text{CHOH}-\text{C} \\ \parallel \\ \text{OH} \end{array}$	
13	$\begin{array}{c} \text{HOOC}-\text{CH}_2-\text{C}=\text{CH}-\text{COOH} \\ \\ \text{COOH} \end{array}$	
14	$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \quad \text{O} \\ \quad \quad \parallel \\ \text{CH}_3-\text{C}-\text{CH}-\text{C}-\text{C} \\ \quad \quad \quad \parallel \\ \text{O}-\text{CH}_2-\text{CH}_3 \quad \quad \quad \text{OH} \end{array}$	
15	$\begin{array}{c} \text{O} \quad \text{CH}_2-\text{CH}_3 \\ \parallel \quad \\ \text{CH}_3-\text{C}-\text{C}=\text{C}-\text{C} \\ \quad \quad \quad \parallel \\ \quad \quad \text{CH}_3 \quad \quad \text{OH} \end{array}$	
16	$\begin{array}{c} \text{O} \quad \text{O} \quad \text{O} \\ \parallel \quad \parallel \quad \parallel \\ \text{HO}-\text{C}-\text{C}-\text{C}-\text{C} \\ \parallel \quad \parallel \\ \text{OH} \quad \text{OH} \end{array}$	
17	$\begin{array}{c} \text{O} \quad \text{O} \quad \text{O} \quad \text{O} \\ \parallel \quad \parallel \quad \parallel \quad \parallel \\ \text{HO}-\text{C}-\text{C}-\text{C}-\text{CH}=\text{C}-\text{CH}_2-\text{C}-\text{C} \\ \parallel \quad \parallel \\ \text{OH} \quad \text{OH} \end{array}$	
18	$\begin{array}{c} \text{O} \quad \text{O} \\ \parallel \quad \parallel \\ \text{CH}\equiv\text{C}-\text{C}=\text{C}-\text{C}-\text{C} \\ \quad \quad \parallel \quad \parallel \\ \text{OH} \quad \text{CH}_3 \quad \quad \text{OH} \end{array}$	

19	$ \begin{array}{ccccccc} & & \text{O}-\text{CH}_3 & & & \text{O} & \text{O} \\ & & & & & & \\ \text{O} & & & & & & \\ & & & & & & \\ \text{C} & - & \text{CH} & - & \text{CH} & - & \text{CH} & - & \text{C} & - & \text{C} \\ / & & & & & & & & & & \backslash \\ \text{H} & & & & \text{CH}_3 & & \text{OH} & & & & \text{OH} \end{array} $	
20	$ \begin{array}{ccccccc} & & \text{O} & & & \text{O} & \text{O} \\ & & & & & & \\ & & \text{C} & - & \text{CH} & - & \text{C} & - & \text{C} \\ / & & & & & & & & \backslash \\ \text{HO} & & & & \text{C}_6\text{H}_5 & & & & \text{OH} \end{array} $	
21	$ \begin{array}{ccccccc} & & \text{O} & & & \text{CH}_3 & \text{O} & \text{O} & \text{O} \\ & & & & & & & & \\ & & \text{C} & - & \text{C} = \text{CH} & - & \text{C} & - & \text{C} & - & \text{C} \\ / & & & & & & & & & & \backslash \\ \text{HO} & & & & \text{OH} & & \text{CH}_3 & & & & \text{OH} \end{array} $	
22	$ \begin{array}{ccccccc} & & \text{O} & & & \text{O} & \\ & & & & & & \\ & & \text{C} & - & \text{C} & - & \text{CH} = \text{C} & - & \text{CH}_3 \\ / & & & & & & & & \\ \text{HO} & & & & & & \text{C}_6\text{H}_5 & & \end{array} $	
23	$ \begin{array}{ccccccc} & & \text{O} & & & \text{CH}_3 & \text{CH}_2 & \text{O} & & \text{O} \\ & & & & & & & & & \\ & & \text{C} & - & \text{CH} & - & \text{C} & - & \text{C} & - & \text{CH} & - & \text{CH} & - & \text{C} \\ / & & & & & & & & & & & & & & \backslash \\ \text{HO} & & & & \text{O}-\text{CH}_3 & & \text{CH}=\text{CH}_2 & & \text{CH}_3 & & \text{OH} & & & & \text{OH} \end{array} $	
24	$ \begin{array}{ccc} & & \text{O} \\ & & \\ \text{CHO} & - & \text{C} \\ & & \backslash \\ & & \text{OH} \end{array} $	

25	$\begin{array}{ccccccccccc} & & & \text{CH}_3 & & \text{CH}_3 & \text{CH}_2 & \text{O} & & \text{O} & & \\ & & & & & & & & & & & \\ \text{O} & & & & & & & & & & & \\ // & & & & & & & & & & & \\ \text{C} & - & \text{C} & = & \text{C} & - & \text{C} & = & \text{C} & - & \text{C} & - & \text{C} & \\ / & & & & & & & & & & & \backslash & \backslash & \\ \text{HO} & & \text{OH} & & \text{CH}_2 & & \text{CH}_3 & & & & & \text{O} & \text{O} & \\ & & & & & & & & & & & & & \\ & & & & & & & & & & & & & \end{array}$	
26	$\begin{array}{c} \text{COOH} \\ \\ \text{C}_6\text{H}_{10} \\ \\ \text{O} \end{array}$	
27	$\begin{array}{ccccccccccc} & & & \text{CH}_3 & & & & \text{O} & & & & & & \\ & & & & & & & & & & & & & \\ & & & \text{CH}_2 & & & & & & & & & & \\ & & & & & & & & & & & & & \\ \text{O} & & & & & & & & & & & & & \\ // & & & & & & & & & & & & & \\ \text{C} & - & \text{CH} & - & \text{C} & = & \text{CH} & - & \text{C} & - & \text{CH} & - & \text{C} \equiv & \text{CH} \\ / & & & & & & & & & & & & & \\ \text{HO} & & \text{CH}_2 & & \text{OH} & & & & & & \text{CH}_3 & & & \end{array}$	
28	$\begin{array}{ccccccccccc} & & & & & & & \text{O} & & & & & \text{O} & & \\ & & & & & & & & & & & & & & \\ \text{O} & & & & & & & & & & & & & & \\ // & & & & & & & & & & & & & & \\ \text{C} & - & \text{C} \equiv & \text{C} & - & \text{C} & - & \text{C} & - & \text{CH} & - & \text{C} \equiv & \text{C} & - & \text{C} \\ / & & & & & & & & & & & & & \backslash & \backslash \\ \text{HO} & & & & & \text{CH}_2 & & \text{CH} & - & \text{CH} & - & \text{CH}_3 & & \text{O} & \text{O} \\ & & & & & & & & & & & & & & \\ & & & & & & & \text{CH}_3 & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & \end{array}$	
29	$\begin{array}{ccccccccccc} & & & \text{CH}_3 & & \text{OH} & & & & \text{O} & & \text{O} & & \\ & & & & & & & & & & & & & \\ \text{O} & & & & & & & & & & & & & \\ // & & & & & & & & & & & & & \\ \text{C} & - & \text{C} & = & \text{C} & - & \text{CH} & - & \text{CH} & - & \text{C} \equiv & \text{C} & - & \text{C} \\ / & & & & & & & & & & & & \backslash & \backslash \\ \text{HO} & & \text{OH} & & \text{OH} & & \text{CH}_3 & & & & & & \text{O} & \text{O} \\ & & & & & & & & & & & & & \\ & & & & & & & & & & & & & \end{array}$	

30	$\begin{array}{ccccccccccc} & & & \text{CH}_3 & \text{O} & & & & & & \\ & & & & & & & & & & \\ \text{CH} \equiv \text{C} & - & \text{CH}_2 & - & \text{C} & - & \text{C} & - & \text{CH}_2 & - & \text{CH} & - & \text{C} \equiv \text{C} & - & \text{COOH} \\ & & & & & & & & & & & & & & \\ & & & & \text{CH}_2 - \text{CHO} & & & & & & \text{CH}_2 - \text{CH}_3 & & & & \end{array}$	
31	$\begin{array}{ccccccccccc} & & & & & & \text{CH}_3 & & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & \text{CH} - \text{CH}_3 & & & & & & & & \\ & & & & & & & & & & & & & & \\ \text{O} & & & & & & \text{O} & & & & & & & & \\ // & & & & & & // & & & & & & & & \\ \text{C} & - & \text{CH} & - & \text{C} & - & \text{CH} & - & \text{C} = \text{C} & - & \text{C} \equiv \text{CH} \\ // & & & & & & & & & & & & & & \\ \text{HO} & & \text{CH}_3 & & & & \text{OH} & & \text{O} - \text{CH}_2 - \text{CH}_3 & & & & & & \end{array}$	
32	$\begin{array}{ccccccccccc} & & \text{O} & \text{O} & & \text{CH}_3 - \text{C} = \text{CH} - \text{CH}_3 & & & & & & & & & \\ & & & & & & & & & & & & & & \\ \text{COOH} & - & \text{C} & - & \text{C} & - & \text{CH}_2 & - & \text{C} = \text{C} & - & \text{CH}_2 & - & \text{CH}_2 & - & \text{COOH} \\ & & & & & & & & & & & & & & \\ & & & & & & \text{H}_3\text{C} - \text{C} - \text{CH}_3 & & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & \text{CH}_3 & & & & & & & & \end{array}$	
33	$\begin{array}{ccccccccccc} & & & \text{CH}_3 & & & & \text{O} & & \text{O} & & & & & \\ & & & & & & & & & & & & & & \\ \text{O} & & & & & & & \text{C} & - & \text{C} = \text{C} & - & \text{C} = \text{CH} & - & \text{C} \equiv \text{C} & - & \text{C} & - & \text{C} \\ // & & & & & & & & & & & & & & & & & & \\ \text{HO} & & & \text{OH} & & \text{CH}_3 & & & & & & & & & & & & & \text{OH} \end{array}$	
34	$\begin{array}{ccccccccccc} & & \text{O} & \text{O} & \text{OH} & & & & & & & & & & \\ & & & & & & & & & & & & & & \\ \text{CH}_3 & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} \equiv \text{C} & - & \text{CHO} \\ & & & & & & & & & & & & & & \\ \text{CHO} & - & \text{CH} & & & & \text{O} - \text{CH}_2 - \text{CH}_3 & & & & & & & & \end{array}$	

35	$ \begin{array}{c} \text{O} \\ \\ \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH} - \text{C} - \text{CH}_2 - \text{C} \equiv \text{C} - \text{COOH} \\ \qquad \qquad \\ \text{COOH} \quad \text{H}_3\text{C} - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array} $	
36	$ \begin{array}{c} \text{O} \qquad \qquad \text{CH}_3 \qquad \qquad \text{O} - \text{CH}_3 \qquad \qquad \text{O} \\ // \qquad \qquad \qquad \qquad // \qquad \qquad // \qquad \qquad // \\ \text{C} - \text{C} = \text{C} - \text{C} = \text{CH} - \text{C} = \text{C} - \text{CH} - \text{C} - \text{CH}_3 \\ / \qquad \qquad \qquad \qquad \qquad \qquad \\ \text{HO} \quad \text{OH} \quad \text{CH}_3 \quad \text{OH} \quad \text{CH}_3 \end{array} $	
37	$ \begin{array}{c} \text{O} \qquad \qquad \text{O} \\ \qquad \qquad \\ \text{CH}_3 - \text{C} - \text{C} - \text{CH} - \text{C} - \text{C} \equiv \text{C} - \text{COOH} \\ \qquad \\ \text{HOOC} - \text{CH} \quad \text{O} - \text{CH}_2 - \text{CH}_3 \end{array} $	
38	$ \begin{array}{c} \text{O} \qquad \text{O} \qquad \qquad \text{O} - \text{CH}_3 \\ \qquad \qquad \qquad \\ \text{HOOC} - \text{C} - \text{C} - \text{C} = \text{CH} - \text{CH} - \text{CH} - \text{COOH} \\ \qquad \qquad \qquad \qquad \\ \text{CH}_3 - \text{CH} - \text{CH}_3 \quad \text{OH} \end{array} $	
39	$ \begin{array}{c} \text{O} \qquad \qquad \text{O} - \text{CH}_2 - \text{CH}_3 \\ \qquad \qquad \\ \text{HOOC} - \text{C} - \text{C} \equiv \text{C} - \text{C} - \text{CH}_2 - \text{C} \equiv \text{C} - \text{CH} = \text{CH} - \text{COOH} \\ \qquad \qquad \\ \text{H}_3\text{C} - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array} $	
40	$ \begin{array}{c} \text{O} \qquad \text{O} \\ \qquad \\ \text{HOOC} - \text{C} \equiv \text{C} - \text{CH} - \text{C} - \text{C} - \text{CH} - \text{C} \equiv \text{C} - \text{COOH} \\ \qquad \qquad \\ \text{CH}_2 \qquad \text{H}_3\text{C} - \text{C} - \text{CH}_3 \\ \qquad \qquad \\ \text{CH}_3 - \text{C} = \text{CH}_2 \qquad \text{CH}_3 \end{array} $	

41	$ \begin{array}{c} \text{O} \\ \parallel \\ \text{HOOC} - \text{CH} - \text{C} - \text{C} \equiv \text{C} - \text{COOH} \\ \\ \text{H}_3\text{C} - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array} $	
42	$ \begin{array}{c} \text{CH}_2 \qquad \text{CH}_2 - \text{CHO} \qquad \text{O} \quad \text{O} \\ \parallel \qquad \qquad \parallel \quad \parallel \\ \text{HOOC} - \text{C} - \text{CH} - \text{C} - \text{CH}_2 - \text{C} \equiv \text{C} - \text{C} - \text{C} - \text{COOH} \\ \qquad \qquad \\ \text{H}_3\text{C} - \text{C} \equiv \text{C} \qquad \text{O} - \text{CH}_3 \end{array} $	
43	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{O} \qquad \text{O} \qquad \text{O} \qquad \text{OH} \qquad \text{O} \\ \parallel \quad \parallel \quad \parallel \quad \quad \parallel \\ \text{HO} - \text{C} - \text{C} = \text{C} - \text{C} - \text{CH} - \text{C} = \text{CH} - \text{C} - \text{C} - \text{C} \\ \qquad \qquad \qquad \qquad \qquad \qquad \qquad \\ \text{CH}_3 \quad \text{O} - \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_2 - \text{CH}_3 \quad \text{OH} \quad \text{O} \\ \text{HO} \qquad \text{O} \qquad \text{O} \qquad \text{O} \qquad \text{O} \qquad \text{O} \qquad \text{O} \qquad \text{O} \end{array} $	
44	$ \begin{array}{c} \text{O} \quad \text{CH}_3 \quad \text{OH} \quad \text{O} - \text{CH}_2 - \text{CH}_3 \quad \text{O} \\ \parallel \quad \quad \quad \quad \parallel \\ \text{HOOC} - \text{C} - \text{C} = \text{C} - \text{C} = \text{CH} - \text{C} \equiv \text{C} - \text{C} - \text{COOH} \end{array} $	
45	