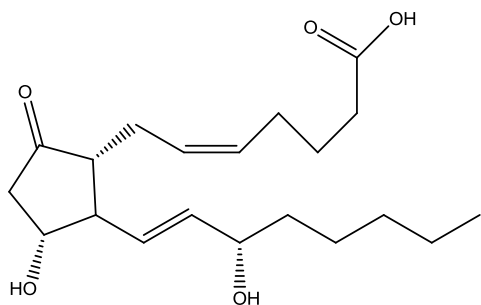
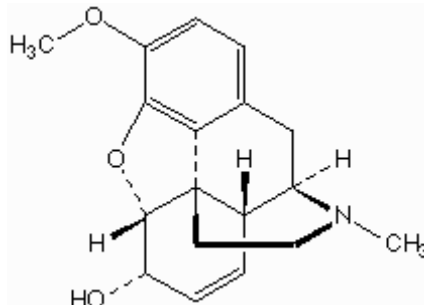


## GUÍA Nº 1: "COMPUESTOS DE CARBONO"

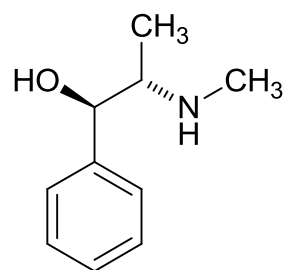
1. Señale todos los grupos funcionales de las siguientes moléculas.



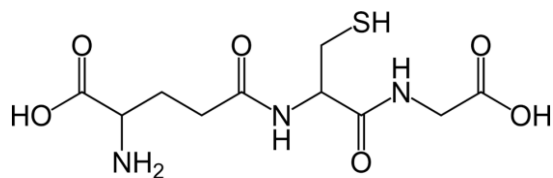
Prostaglandina E<sub>2</sub>



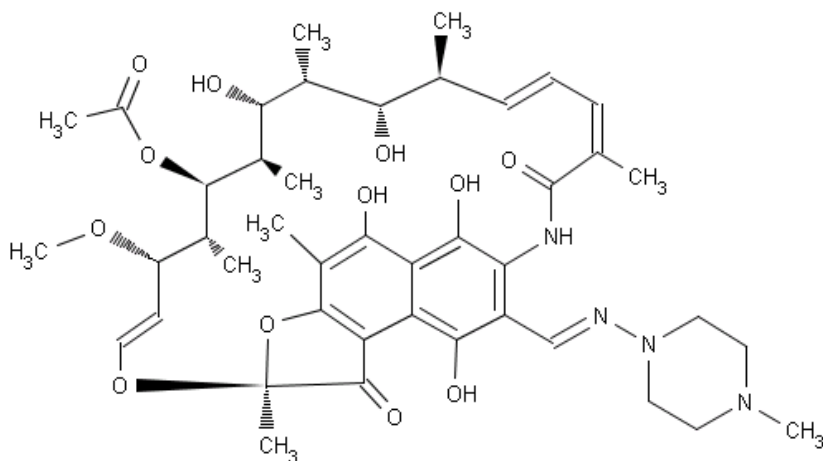
Codeína



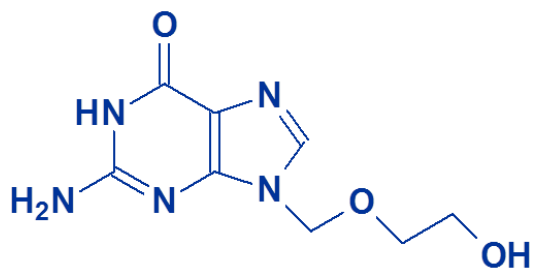
Efedrina



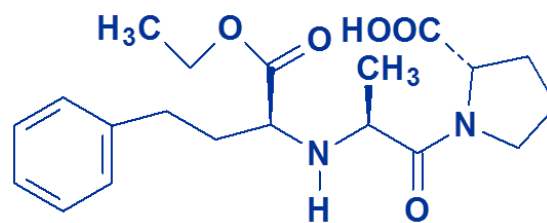
Glutati n



Rifampicina



Aciclovir

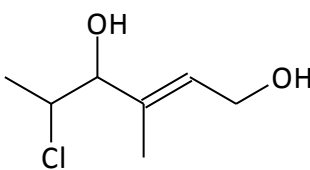
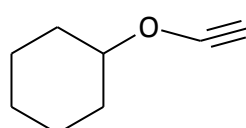
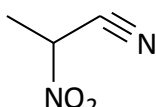
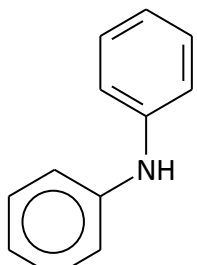
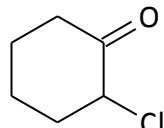
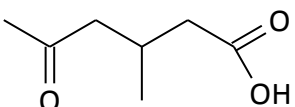
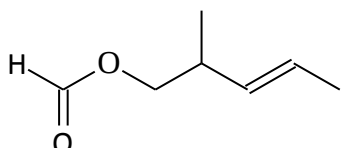
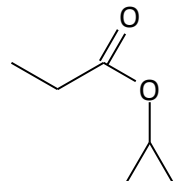
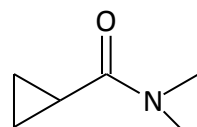
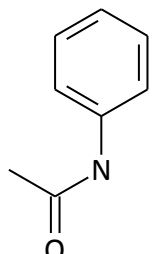
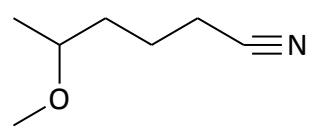
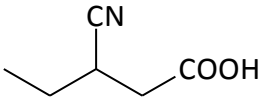
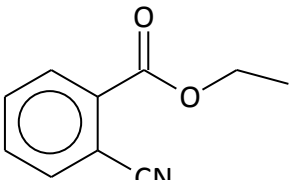
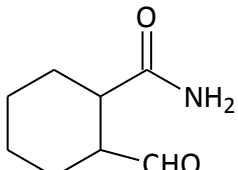
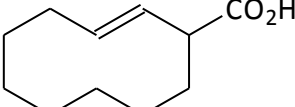
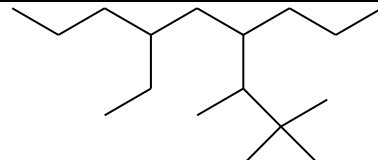
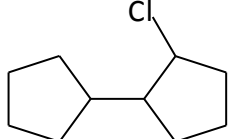
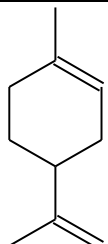


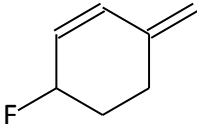
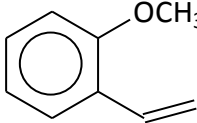
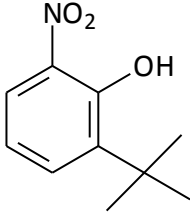
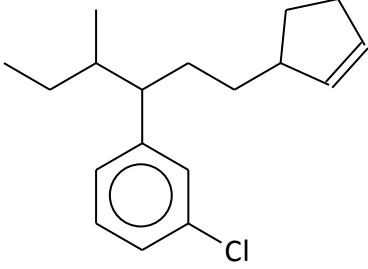
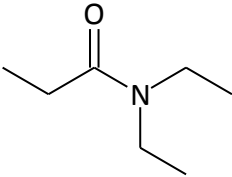
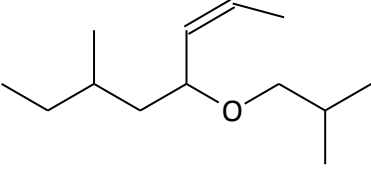
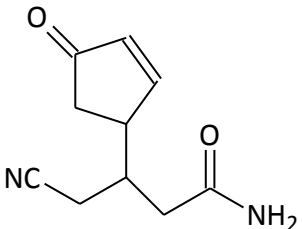
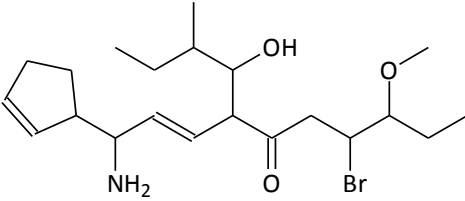
Enalapril

**2. Dibuje los siguientes compuestos:**

|                                                                                                  |                                                                 |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>1.</b> N-metilfenilamina                                                                      | <b>2.</b> Butanonitrilo                                         |
| <b>3.</b> Etil isopropiléter                                                                     | <b>4.</b> Isobutil viniléter                                    |
| <b>5.</b> Acetanilida                                                                            | <b>6.</b> 3,5-Hexadien-2-ol                                     |
| <b>7.</b> Ácido tricloroacético                                                                  | <b>8.</b> 1,5-Hexadien-3-ona                                    |
| <b>9.</b> Ácido 2-cloro-3,5-dioxohexanoico                                                       | <b>10.</b> 3-Formilpentanodial                                  |
| <b>11.</b> Acetaldehído                                                                          | <b>12.</b> 2-Nitropropanol                                      |
| <b>13.</b> 5-Ciclopentil-3-pentinal                                                              | <b>14.</b> Butanamida                                           |
| <b>15.</b> 5-Bromo-3,4-difenil-1-pentino                                                         | <b>16.</b> 2,4-Dimetilfenol                                     |
| <b>17.</b> 5-(1,2-Dimetilpropil)-3-etilnonano                                                    | <b>18.</b> Ciclohexino                                          |
| <b>19.</b> 4-Hexen-1-in-3-ol                                                                     | <b>20.</b> Ácido 3-fenil-2-pentinoico                           |
| <b>21.</b> 3-Cloropentanoato de propilo                                                          | <b>22.</b> Difenilamina                                         |
| <b>23.</b> 3-Butenoato de isopropilo                                                             | <b>24.</b> 2-Hidroxibutanal                                     |
| <b>25.</b> 1,3-Cicloheptadien-5-ino                                                              | <b>26.</b> 1-Butil-3-etilbenceno                                |
| <b>27.</b> 3-Oxopentanoato de etilo                                                              | <b>28.</b> Estireno                                             |
| <b>29.</b> Anisol                                                                                | <b>30.</b> Acetofenona                                          |
| <b>31.</b> 4-t-Butoxiciclohexeno                                                                 | <b>32.</b> N-butil-2,N-dimetilciclohexilamina                   |
| <b>33.</b> 3-Oxopentanoato de butilo                                                             | <b>34.</b> 3-(Bromocarbonil)-4-(clorocarbonil)-2-metilbenzamida |
| <b>35.</b> N-butil-3-metilbutanamida                                                             | <b>36.</b> 3-(4-Oxo-2-ciclopentenil)-4-cianobutanamida          |
| <b>37.</b> 1-Amino-7-bromo-1-(2-ciclopentenil)-4-(1-hidroxi-2-metilbutil)-8-metoxi-2-decen-5-ona |                                                                 |

3. Nombre los siguientes compuestos

|                                                                                               |                                                                                               |                                                                                                 |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <p>a)</p>    | <p>b)</p>    | <p>c)</p>    |
| <p>d)</p>    | <p>e)</p>    | <p>f)</p>    |
| <p>g)</p>    | <p>h)</p>    | <p>i)</p>    |
| <p>j)</p>  | <p>k)</p>  | <p>l)</p>  |
| <p>m)</p>  | <p>n)</p>  | <p>o)</p>  |
| <p>p)</p>  | <p>q)</p>  | <p>r)</p>  |

|                                                                                             |                                                                                              |                                                                                               |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <p>s)</p>  | <p>t)</p>   | <p>u)</p>  |
| <p>v)</p>  | <p>w)</p>   | <p>x)</p>  |
| <p>y)</p>  | <p>z)</p>  |                                                                                               |