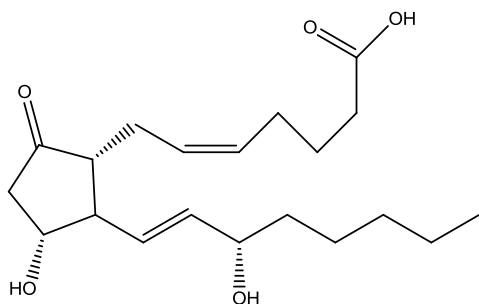
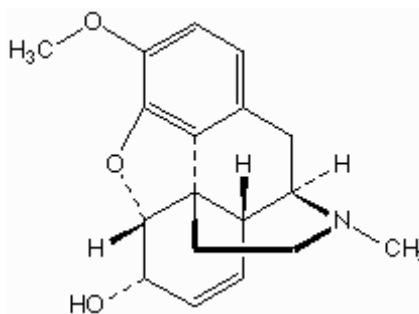


GUÍA Nº 1: "COMPUESTOS DE CARBONO"

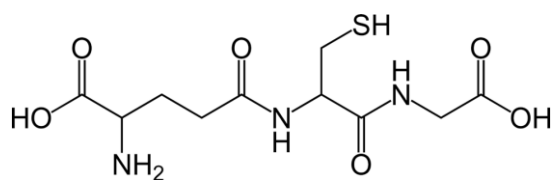
1. Señale todos los grupos funcionales de las siguientes moléculas.



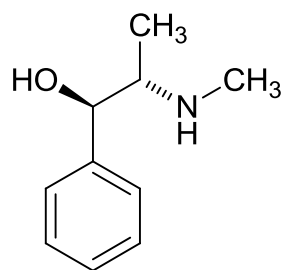
Prostaglandina E₂



Codeína



Glutati3n

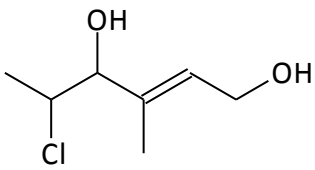
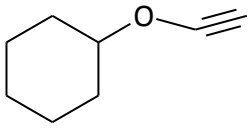
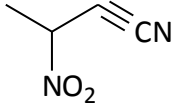
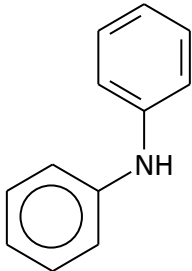
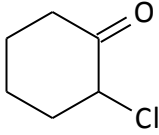
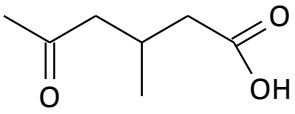
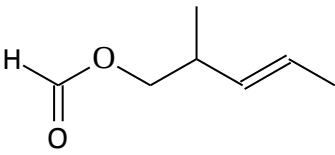
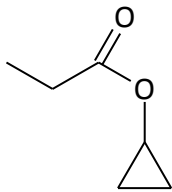
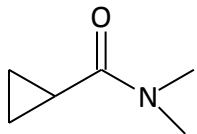
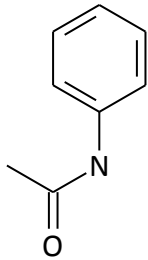
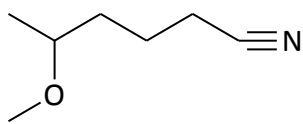
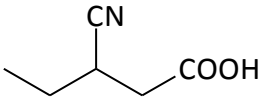
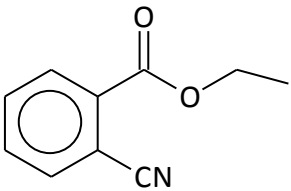
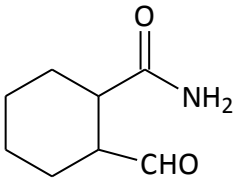
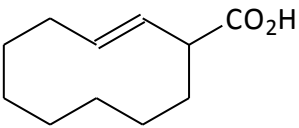
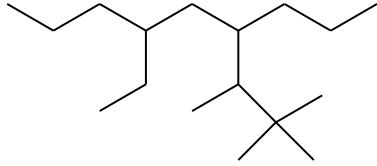
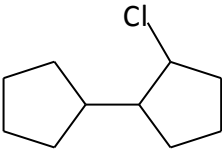
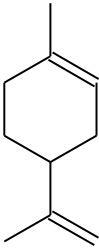


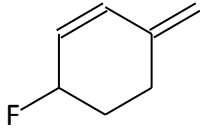
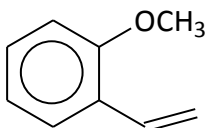
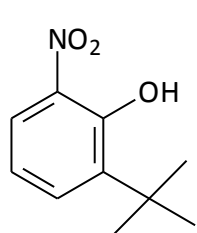
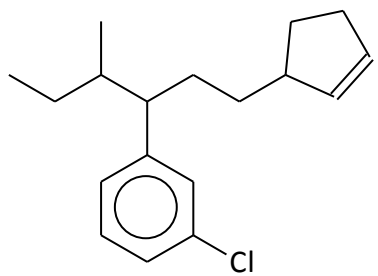
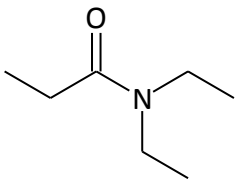
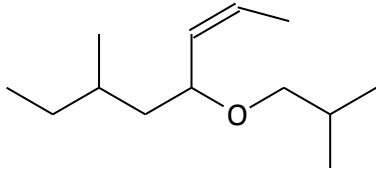
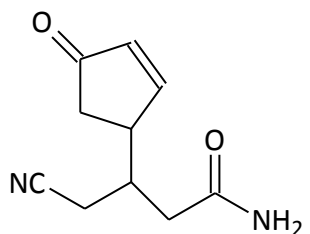
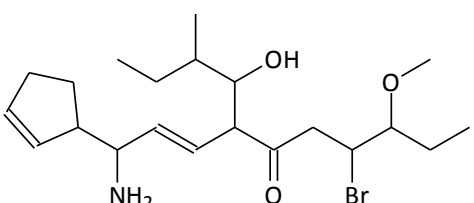
Efedrina

2. Dibuje los siguientes compuestos:

- | | | |
|--------------------------------------|--------------------------|-------------------------------|
| a. 5-(1,2dimetilpropil)-3-etilnonano | b. Ciclohexino | c. Anisol |
| d. 1,3-cicloheptadien-5-ino | e. 1-butil-3-etilbenceno | f. 3,5-hexadien-2-ol |
| g. 5-bromo-3,4-difenil-1-pentino | h. 2,4-dimetilfenol | i. 4-hexen-1-in-3-ol |
| j. Etil isopropiléter | k. Isobutil viniléter | l. Ácido 3-fenil-2-pentinoico |
| m. Ácido tricloroacético | n. 1,5-hexadien-3-ona | o. Acetaldehído |
| p. 5-ciclopentil-3-pentinal | q. Butanamida | r. 2-nitropropanol |
| s. 3-cloropentanoato de propilo | t. Difenilamina | u. N-metilfenilamina |
| v. 3-butenato de isopropilo | w. 2-hidroxibutanal | x. Butanonitrilo |
| y. Ácido 2-cloro-3,5-dioxohexanoico | z. 3-formilpentanodial | |

3. Nombre los siguientes compuestos

a) 	b) 	c) 
d) 	e) 	f) 
g) 	h) 	i) 
j) 	k) 	l) 
m) 	n) 	o) 
p) 	q) 	r) 

s)  <chem>F/C=C\CCCC1</chem>	t)  <chem>COC1=CC=C(C=C1)C=C</chem>	u)  <chem>CC(C)(C)C(O)C1=CC=CC=C1</chem>
v)  <chem>CC(C)C(CCC1=CC=CC=C1Cl)CC2=CC=CC=C2</chem>	w)  <chem>CCNC(=O)C</chem>	x)  <chem>CCOC(C)=CCC</chem>
y)  <chem>NC(=O)CC(C#N)C1=CC(=O)C=C1</chem>	z)  <chem>CC(C)C(OC)C(Br)C(=O)C(C)C(O)C(C)C(N)C1=CC=CC=C1</chem>	