

## ALCANOS Y CICLOALCANOS

2-metilpentano

5-propildecano

3-etil-2-metilhexano

4,4-dietilheptano

3,3,6-trietil-6-metiloctano

4-etil-2-metilhexano

4-etil-2,6,7-trimetil-5-propilnonano

2,2,3,3-tetrametilpentano

5-(2,2-dimetilpropil)-4-propildecano

2,4-diciclopropilpentano

2-ciclobutilbutano

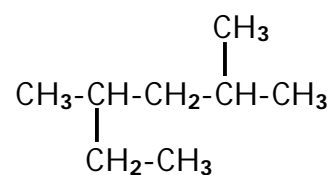
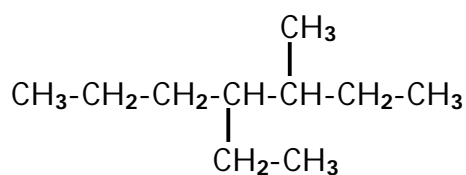
1,2,3-trimetilciclohexano

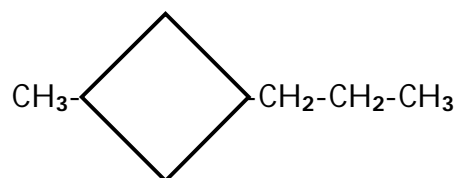
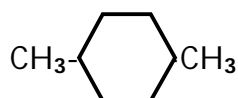
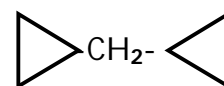
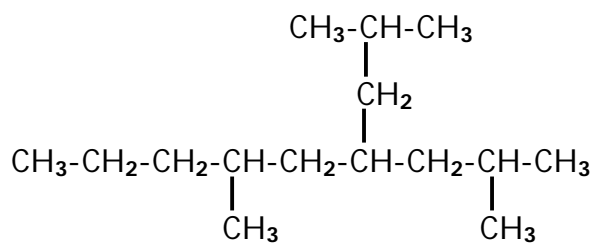
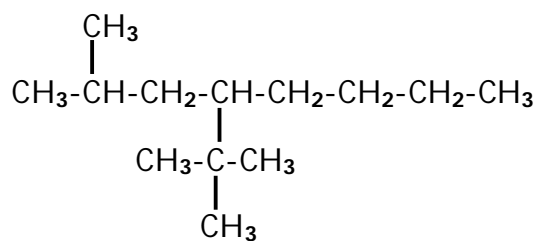
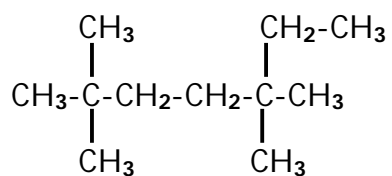
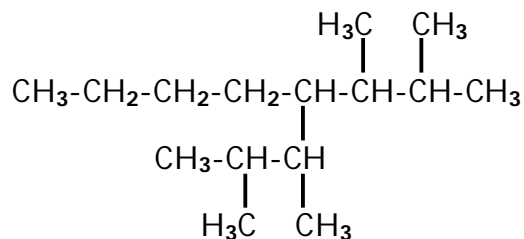
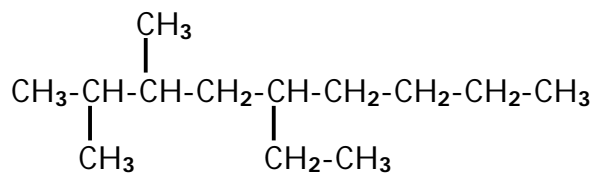
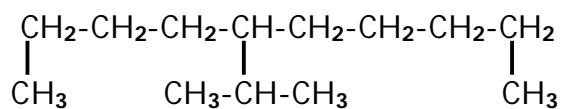
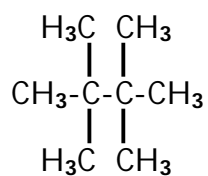
1-metil-3-propilciclopentano

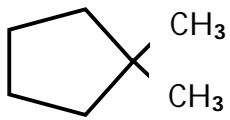
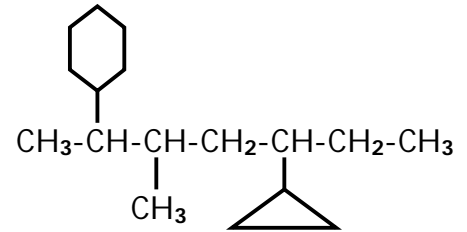
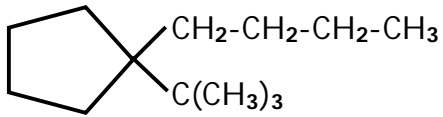
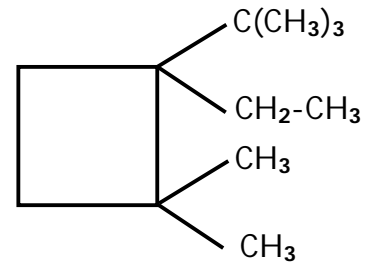
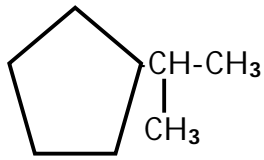
Triciclopentilmetano

1-butil-1-isopropilciclohexano

1.3-dietilciclohexano







## ALQUENOS Y CICLOALQUENOS

Propeno

2-buteno

2,3-dimetil-2-penteno

3-etil-2,4-dimetil-3-hepteno

1,3-pentadieno

3-etil-1,5-hexadieno

5,6-dimetil-1,3,7-octatrieno

1,3-butadieno

5-isopropil-2,2,7-trimetil-4-octeno

Etileno (eteno)

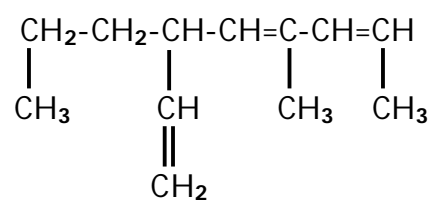
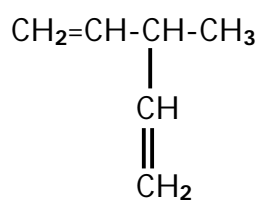
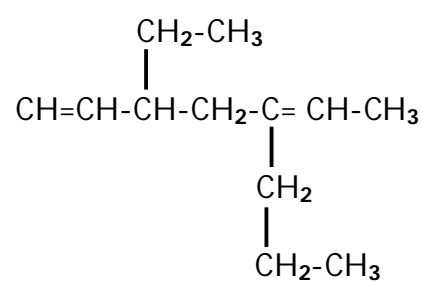
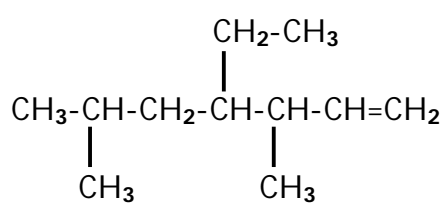
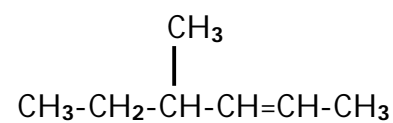
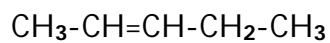
1,3,5-ciclohexatrieno

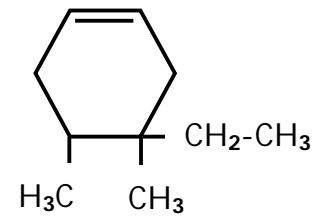
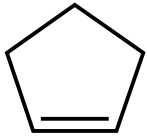
Ciclopropeno

1,3-ciclobutadieno

1,4-ciclohexadieno

4-etil-5-metilciclohexeno





## ALQUINOS Y CICLOALQUINOS

2-pentino

Acetileno (etino)

3-metil-1-butino

4-metil-2-hexino

1,4-hexadiino

1,3,5-hexatriino

6-isopropil-7-metil-1,4,8-nonatriino

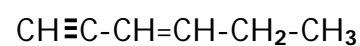
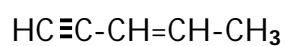
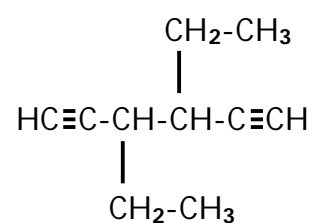
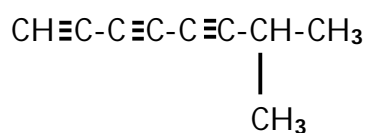
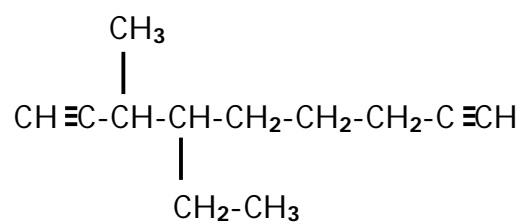
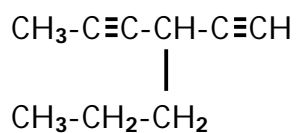
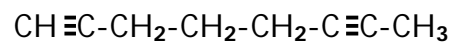
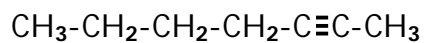
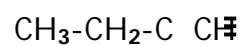
3-propil-1,4-hexadiino

4-metil-1,6-heptadiino

Ciclobutadiino

3-etil-5-metil-3-hexen-1-ino

Ciclopropino



## ALCOHOLES

2-hexanol

1,3-pentanodiol

2-etil-3-metil-4-hexen-1-ol

1,3-hexadien-2-ol

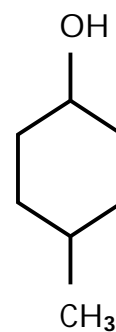
Ciclohexanol

2-cloro-3-pentanol

m-etilfenol

3-bromofenol

$\text{CH}_2\text{OH}-\text{CHOH}-\text{CH}_2\text{OH}$



$\text{CH}_3-\text{C}\equiv\text{C}-\text{CH}=\text{CH}-\text{CHOH}-\text{CH}_3$

$\text{CH}_3-\text{CHCl}-\text{CHOH}-\text{CH}_2-\text{CH}_3$

$\text{CH}_3-\text{CH}_2-\text{CH}(\text{C}_6\text{H}_5)-\text{CH}_2-\text{CHOH}-\text{C}(\text{CH}_2-\text{CH}_3)\text{OH}-\text{CH}_2\text{OH}$

$\text{CH}_2=\text{CH}-\text{CH}_2\text{OH}$

## ALDEHIDOS Y CETONAS

2-pentanona

3-buten-2-ona

Ciclohexanona

6-cloro-6-hepten-2,5-diona

Cloropropanona

2-hidroxi-3-hexanona

1,4-hexadien-3-ona

2,5-dimetil-3,4-heptanodiona

3,3,5,5-tetrametilheptanotriona

1-penten-3-ona

Propanodial

1,1,2-etanotricarbaldehido

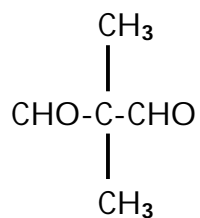
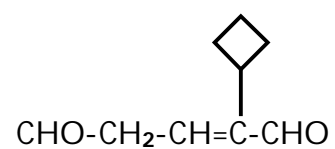
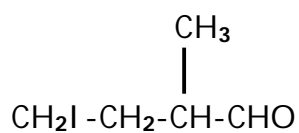
3-butenal

Propinal

4-hidroxipentanal

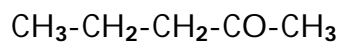
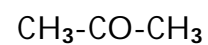
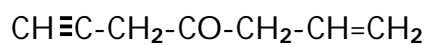
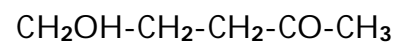
$\text{CH}_2=\text{CH}-\text{C}\equiv\text{C}-\text{C}\equiv\text{C}-\text{CHO}$

HCHO



$\text{CH}\equiv\text{C}-\text{C}(\text{CH}_3)_2-\text{CHO}$





## ÁCIDOS CARBOXÍLICOS

Ácido acético

Ácido butanoico

Ácido 2-pentenoico

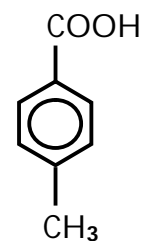
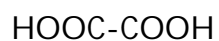
Ácido fórmico

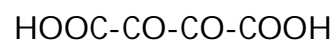
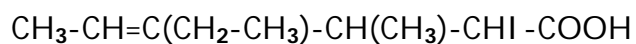
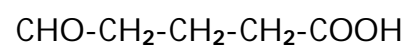
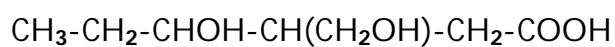
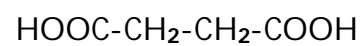
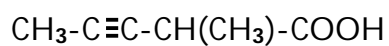
Ácido benzoico

Ácido 3-hidroxihexanoico

Ácido 4-oxo-5-hexenoico

Ácido 4-hidroxi-2-pentinoico





## ÉTERES, ÉSTERES Y SALES

Acetato de etilo

Butanoato de potasio

Etilmetiléter

Formiato de metilo

Metanoato de propilo

Éter metílico

2-metoxipropano

3-metil-4-hidroxihexanoato de etilo

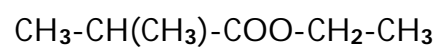
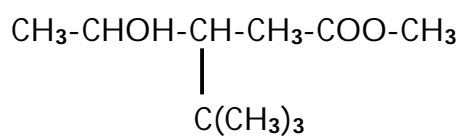
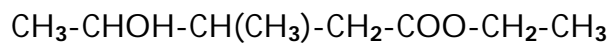
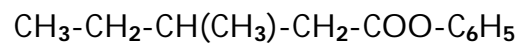
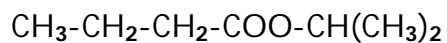
Butanoato de fenilo

4-cloro-3-pentenoato de isopropilo

Propenoato de sodio

3-pentinoato de etilo

Metilpropanoato de 2-metilpropilo



## COMPUESTOS NITROGENADOS

3-hexenoamina

1,3-dinitropropano

Diisopropilamina

Etilpropilamina

Nitroetano

4-aminobutanal

Propanamida

2-bromobutanamida

2-metil-3-hexenamida

3-metil-3-hidroxipentanamida

4-metil-3-hidroxi-4-hexenonitrilo

2-metil-3-clorobutanonitrilo

Ácido 3-ciano-4-pentenoico

2-hidroxi-3-cianobutanamida

Ciclohexanocarboxamida

1,2,3-propanotricarboxamida

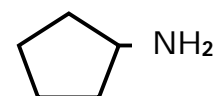
Propanodiamida

3-nitro-2-hexanol

3-nitropentano

Nitrociclobutano

$\text{CH}_3\text{-CH}_2\text{-NH}_2$

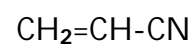
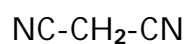
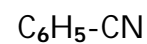
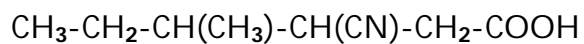
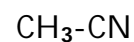
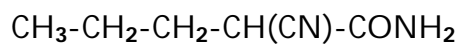
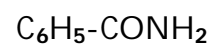
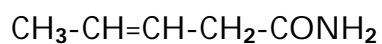
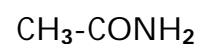
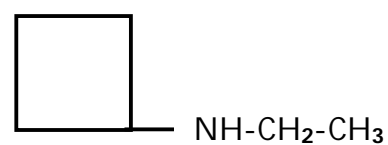
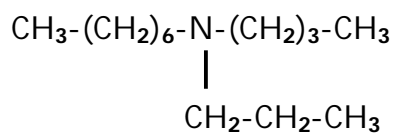
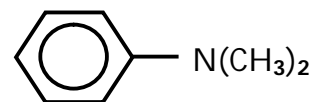
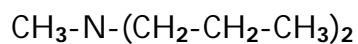
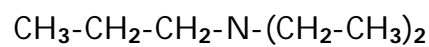
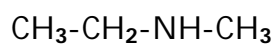
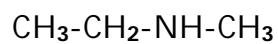
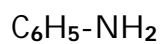


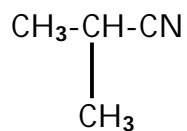
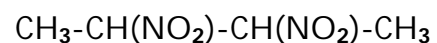
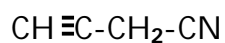
$\text{CH}_3\text{-C}\equiv\text{C-NH}_2$

$\text{CH}_2=\text{CH-NH}_2$

$\text{CH}_3\text{-CH(CH}_3\text{)-CH}_2\text{-CH}_2\text{-NH}_2$

$\text{CH}_3\text{-CH}_2\text{-CH(NH}_2\text{)-CH}_2\text{-CH(CH}_3\text{)-CH}_2\text{-CH}_3$





## EJERCICIOS DE REPASO

Pentacloroetano

Ácido 2-propilpentanodioico

Cloroeteno

4-pentenal

Ácido 1,1,3-propanotricarboxílico

Fenilpropanona

1-yodopropano

Fenilmetilcetona

Ácido p-metilbenzoico

1,4,5-tricloro-1-penteno

3-metil-3-butenal

Ácido metilpropenoico

p-cloronitrobenceno

3-fenil-2-pentenodial

Propanoato de etilo	2-metil-4-nitrobutano
2,3-dimetilbutanodial	2-metilbutanoato de metilo
1,1,2,2-tetraclorociclobutano	Bencenocarboxilato de metilo
Fenilmetanal (bencenocarbaldehido)	3-metil-4-yodo-1-buteno
3-butenato de etilo	1,6-hexanodiamina
Butanodiona	Yoduro de propilo
N, N-dietilbencenoamina	Butenona
2,3-dimetoxibutano	o-dimetoxibenceno
2-metoxibutano	Éter propílico
Ácido 3-cloropropanoico	2-pentanamina

Metilbutiléter I sopropilmetilamina

p-dietoxibenceno 1,2-butanodiol

Anilina (fenilamina) 2-butenonitrilo

Butil-1,3-propanodiol Ciclobutanol

Cianuro de fenilo (bencenocarbonitrilo) 2-propil-3-buten-1-ol

Metilpropanonitrilo 5-ciano-4-metilpentanamida

Ácido 3-amino-2-hidroxi-2-metilpropanoico 3-ciclohexenol

2-etil-4-metil-1,5-pentanodiol 1,2,3-propanocarbonitrilo

Ácido 4-amino-2(3'-clorobutil)-3- hidroxibutanoico

$\text{CONH}_2\text{-CH}_2\text{-CO-CH}_2\text{-CH}_2\text{OH}$

$\text{CH}_3\text{-COO-CH}_2\text{-CH}_2\text{-CHOH-CO-COOH}$



