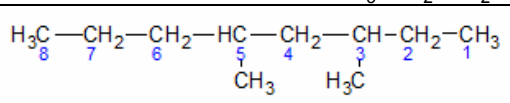
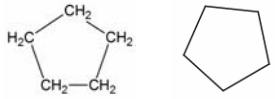
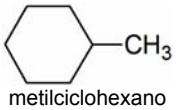
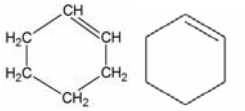
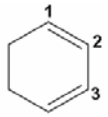
TABLA RESUMEN. FORMULACIÓN Y NOMENCLATURA EN QUÍMICA ORGÁNICA

<table>
<tr><td rowspan="3">ALCANO
C_nH_{2n+2}</td><td rowspan="3">R-H</td><td colspan="3">CH_3-CH_2-CH_2-CH_3 n-butano</td></tr>
<tr><td> 
3,5-dimetiloctano</td><td colspan="2">Radicales
CH_3- Metil
CH_3-CH_2- Etil
CH_3-CH_2-CH_2- Propil
CH_3-$(CH_2)_3$- Butil
H_3C-CH(-CH_3)- Isopropil</td></tr>
<tr><td> 
ciclopentano</td><td> 
metilciclohexano</td></tr>
<tr><td rowspan="3">ALQUENO
C_nH_{2n}</td><td rowspan="3">R-CH=CH-R’</td><td colspan="3">CH_3-CH=CH-CH_2-CH_2-CH_3
Hex-2-eno
 
Ciclohexeno
 
Ciclohexa-1,3-dieno</td></tr>
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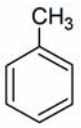
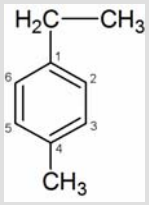
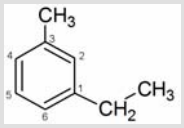
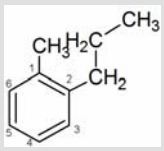
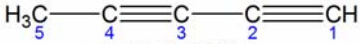
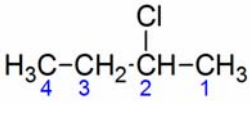
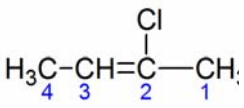
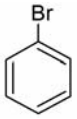
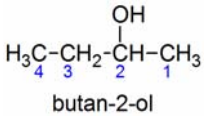
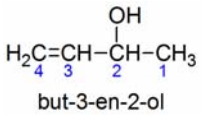
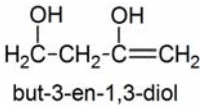
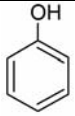
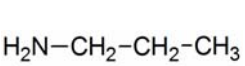
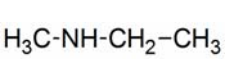
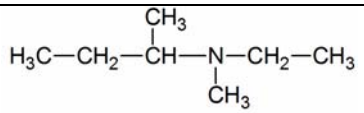
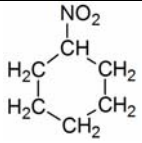
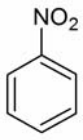
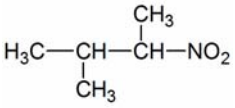
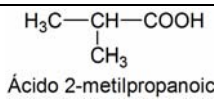
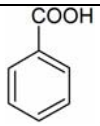
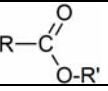
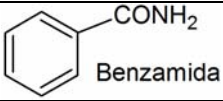
Benceno</td><td> 
Metilbenceno
(Tolueno)</td><td> 
1-etil-4-metilbenceno
Para-etilmetilbenceno</td><td> 
1-etil-3-metilbenceno
Meta-etilmetilbenceno</td><td> 
1-metil-2-propilbenceno
Orto-metilpropilbenceno</td></tr>
<tr><td colspan="2"></td><td colspan="2">PARA</td><td>META</td><td>ORTO</td></tr>
<tr><td>ALQUINO
C_nH_{2n-2}</td><td>R-C≡C-R’</td><td colspan="2">CH≡C-CH_2-CH_3
But-1-ino</td><td colspan="2"> 
penta-1,3-diino</td></tr>
<tr><td>HALOGENURO DE ALQUILO</td><td>R-X
(X=F,Cl,Br,I)</td><td colspan="4"> 
2-clorobutano
 
2-clorobut-2-eno
 
Bromobenceno
 
1-bromo-2-clorobenceno</td></tr>
<tr><td>ALCOHOL</td><td>R-OH</td><td colspan="4"> 
butan-2-ol
 
but-3-en-2-ol
 
but-3-en-1,3-diol
 
Fenol
(hidroxibenceno)</td></tr>
<tr><td>ÉTER</td><td>R-O-R’</td><td colspan="4">CH_3-O-CH_2-CH_3 Etilmetiléter</td></tr>
<tr><td>AMINA
(Se coge cadena mas larga unida al N)</td><td>R-NH_2
R-NH-R’
R-N(R’’)-R’</td><td colspan="4"> 
propan-1-amina
 
N-metiletanamina
 
N-etil-N-metilbutan-2-amina</td></tr>
<tr><td>NITRILO</td><td>R-C≡N</td><td colspan="4">CH_3-CH_2-CN Propanonitrilo CH_3-CH=C(CH_3)-CH_2-CN 3-metilpent-3-enonitrilo</td></tr>
<tr><td>NITRO-COMPUESTOS</td><td>R-NO_2</td><td colspan="4"> 
Nitrociclohexano
 
Nitrobenceno
 
2-metil-3-nitrobutano</td></tr>
<tr><td>ALDEHIDO</td><td>  </td><td colspan="4">CH_3-CH_2-CH_2-CH_2-CHO Pentanal</td></tr>
<tr><td>CETONA</td><td>  </td><td colspan="4">CH_3-CH_2-CO-CH_2-CH_3 Pentan-3-ona</td></tr>
<tr><td>ÁCIDO</td><td>  </td><td colspan="4">CH_3-$COOH$
Ácido acético- Ácido del vinagre - ácido etanoico
 
Ácido 2-metilpropanoico
 
Ácido benzoico</td></tr>
<tr><td>ÉSTER</td><td>  </td><td colspan="4">CH_3-CH_2-CH_2-COO-CH_2-CH_3
Butanoato de etilo
CH_3-COO-CH_3
Acetato de metilo</td></tr>
<tr><td>AMIDA</td><td>  </td><td colspan="4">CH_3-CH_2-CH_2-$CONH_2$
Butanamida
 
Benzamida</td></tr>
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