HIDROCARBUROS | 4.º ESO

EJERCICIOS DE NOMENCLATURA

ALBA LÓPEZ VALENZUELA

ALCANOS Y CICLOALCANOS

1 propano

2 butano

3 undecano

4 metilpropano

5 2,3-dimetilbutano

6 5-etil-2,3,6-trimetil-4-propiloctano

7 metilbutano

8 3-metilhexano

9 3,3-dietilpentano

10 2,3,5-trimetil-4-propilheptano

11 hexametilpentano

12 3-etil-2,5-dimetilhexano

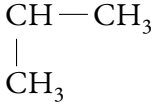
13 3,3,5-trimetilheptano

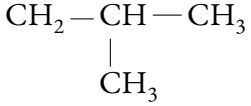
14 4-etil-2,4,6-trimetilheptano

15 3-etil-2,4,6-trimetil-5-propilnonano

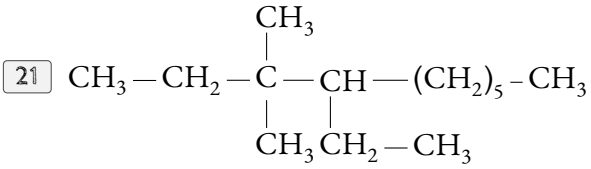
16 5-etil-3,7-dimetil-4-propildecano

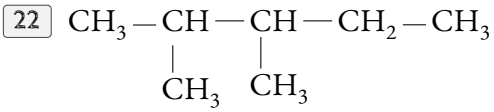
17 $CH_3-(CH_2)_7-CH_3$

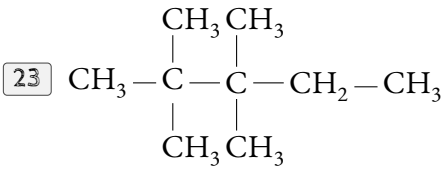
18 

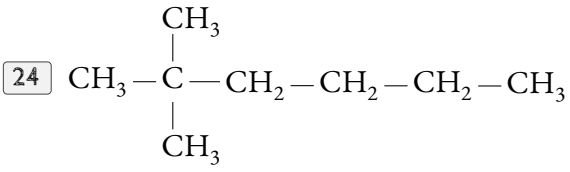
19 

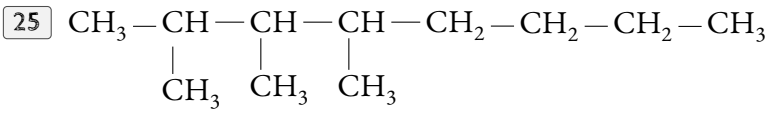
20 $CH_3-C(CH_3)_2-CH_2-CH_3$

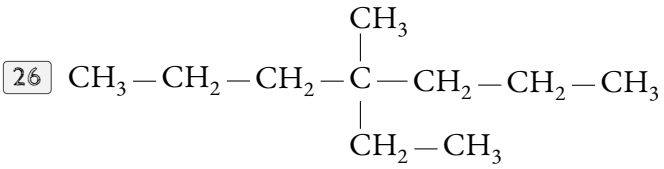
21 

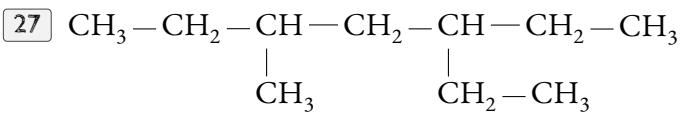
22 

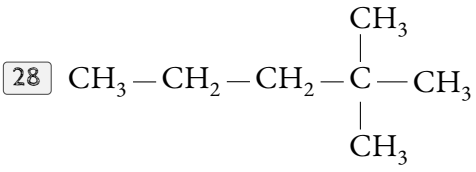
23 

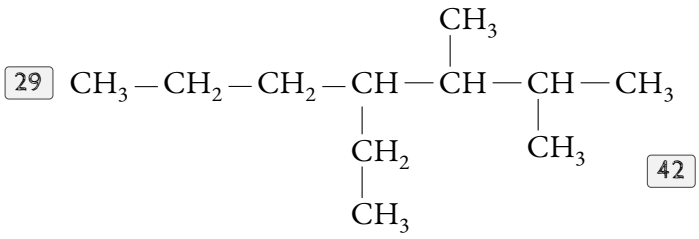
24 

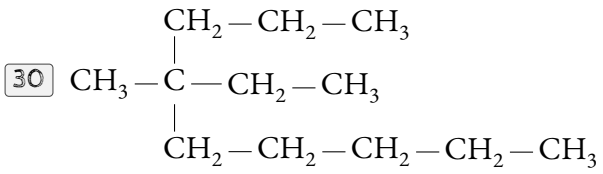
25 

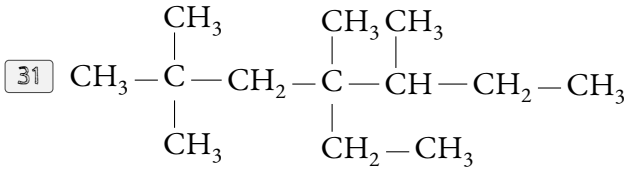
26 

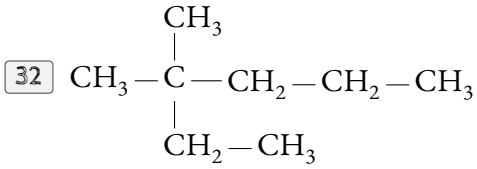
27 

28 

29 

30 

31 

32 

33 ciclohexano

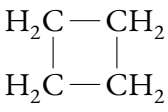
34 ciclopentano

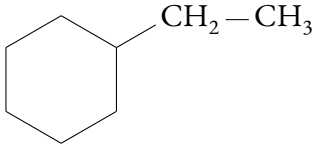
35 2-etil-1,3-dimetilciclobutano

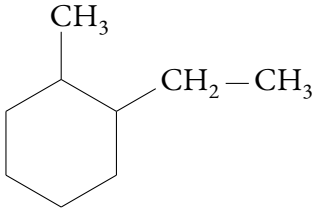
36 ciclopropilciclobutano

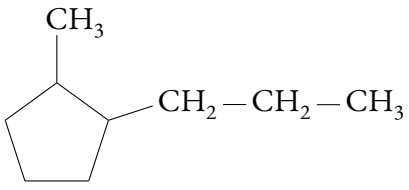
37 2-etil-1,1-dimetilciclopentano

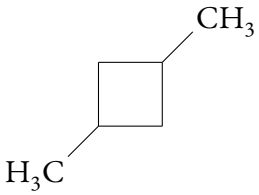
38 3-ciclobutilhexano

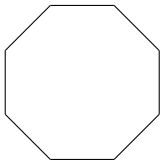
39 

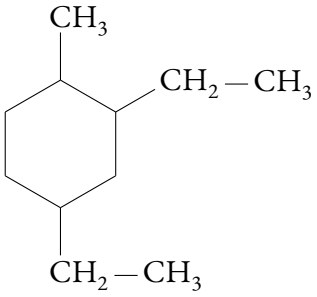
40 

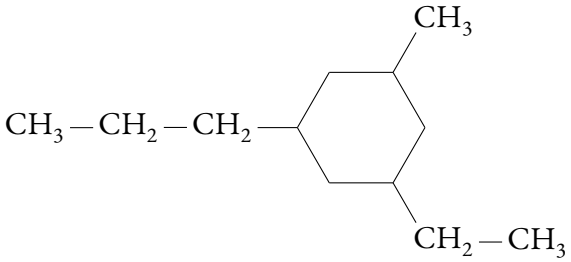
41 

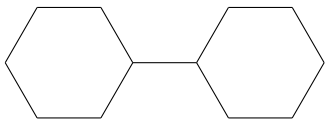
42 

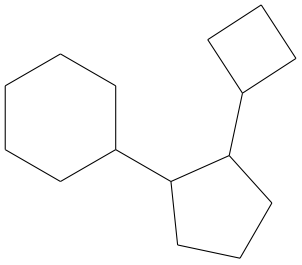
43 

44 

45 

46 

47 

48 

ALQUENOS Y CICLOALQUENOS

49 propeno

50 hept-2-eno

51 pent-1-eno

52 buta-1,2-dieno

53 butatrieno

54 hexa-2,4-dieno

55 metilpropeno

56 4,5-dimetilhex-2-eno

57 hepta-2,3-dieno

58 2-etil-3-metilhexa-1,3,4-trieno

59 4-etil-6,6-dimetilhepta-2,3-dieno

60 4-etil-3-metilhex-1-eno

61 3,4-dietilocta-1,3-dieno

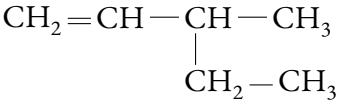
62 $CH_3-CH_2-CH=CH_2$

63 $CH_3-CH_2-CH=CH-CH_3$

64 $CH_3-CH=CH_2$

65 $CH_3-CH_2-CH=CH-CH_2-CH_3$

66 $CH_3-CH_2-CH=CH-(CH_2)_5-CH_3$

67


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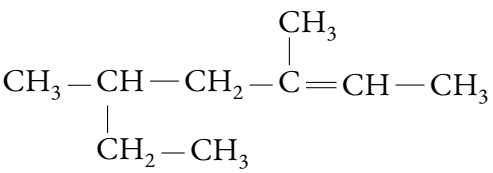

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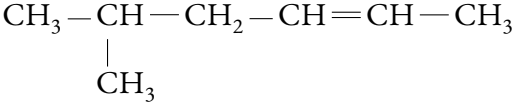
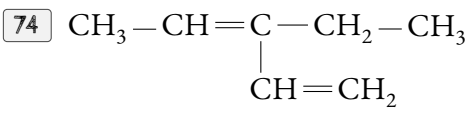


70 $CH_2=CH-CH=CH-CH_3$

71 $CH_2=CH-CH_2-CH=CH-CH_3$

72 $CH_2=C=CH-CH=CH-CH_3$

73 $CH_2=C=C=CH_2$

74


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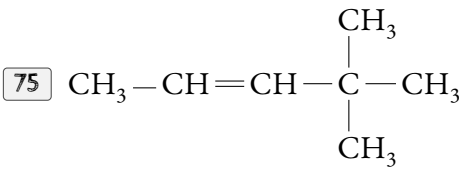

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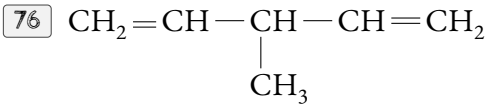

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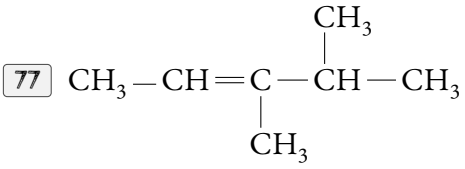

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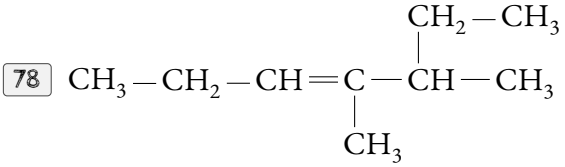

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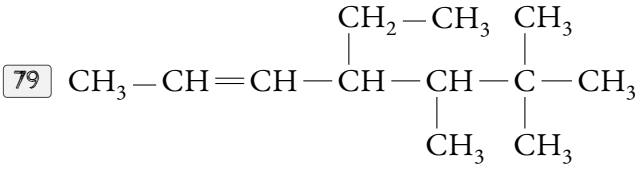

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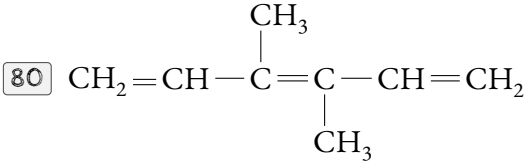

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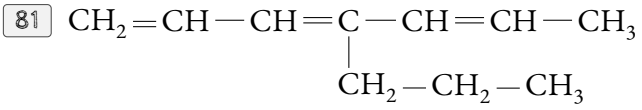

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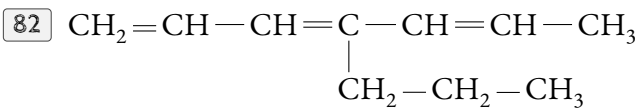

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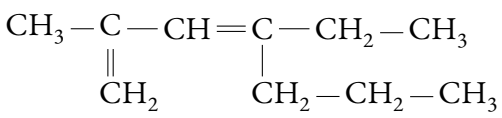

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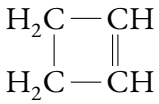

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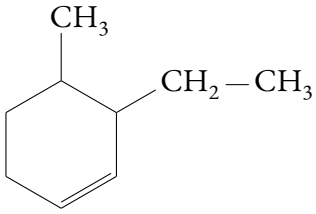

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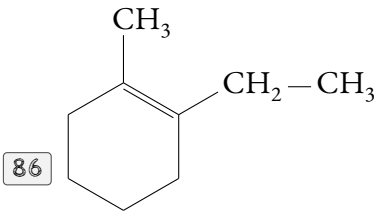

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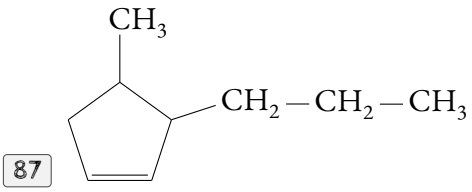

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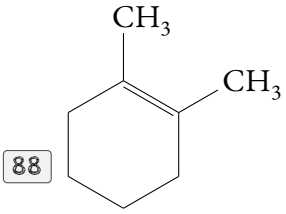
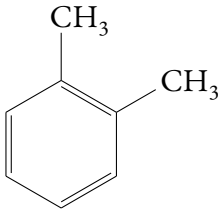


AROMÁTICOS

89 etilbenceno

90



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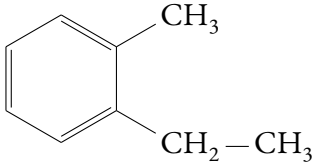
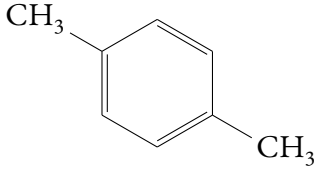


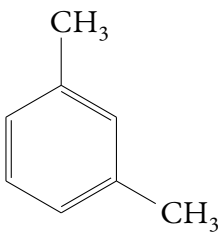
92 1-etil-3-propilbenceno

93



94 p-etilmetilbenceno

95



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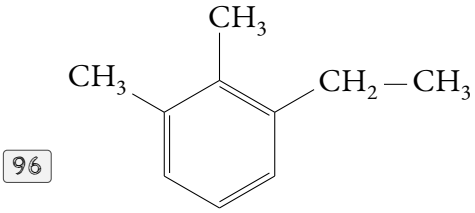

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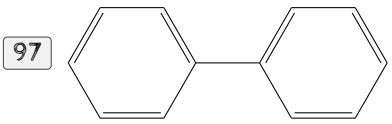
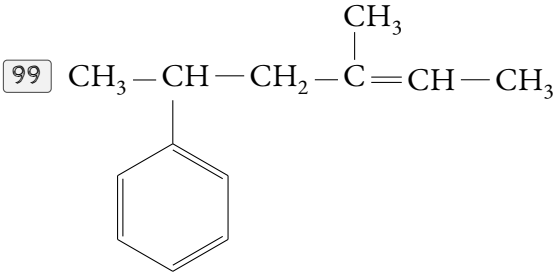


98 1-etil-3,4-dimetilbenceno

99



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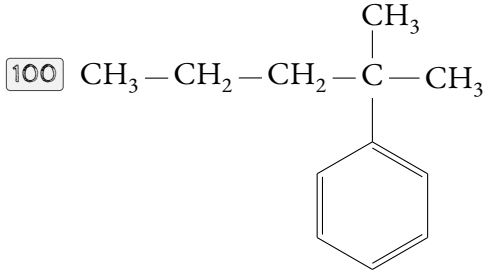


ALQUINOS Y CICLOALQUINOS

101 $CH \equiv CH$

102 $CH_3 - C \equiv CH$

103 $CH_3 - C \equiv C - CH_2 - CH_3$

104 hex-3-ino

105 $CH_3 - CH(CH_3) - CH_2 - C \equiv CH$

106 but-1-ino

107 $CH_3 - CH(CH_3) - CH(CH_3) - C \equiv C - CH_2 - CH_3$

108 5,6-dimetilhept-3-ino

109 $CH_3 - CH_2 - CH_2 - C \equiv C - C(CH_2 - CH_3)(CH_2 - CH_2 - CH_3) - CH_3$

110 4,6-dimetilhept-1-ino

111 $CH_3 - CH_2 - C(CH_2 - CH_2 - CH_3)(CH_3) - C \equiv C - CH(CH_3) - CH_3$

112 $CH_3 - C \equiv C - CH_2 - C(CH_2 - CH_3)(CH_3)$

113 $CH_3 - CH(CH_3) - C \equiv C - CH_2 - CH_3$

114 hexa-1,4-diino

115 $CH_3 - C \equiv C - CH_2 - C \equiv C - CH_3$

116 6-metilhepta-2,4-diino

117 $HC \equiv C - C \equiv C - C \equiv CH$

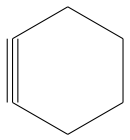
118 $HC \equiv C - CH(CH_3) - C \equiv C - C \equiv CH$

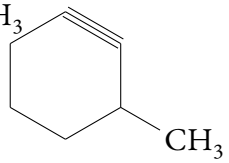
119 $CH_3 - C \equiv C - C \equiv C - CH_2 - CH(CH_3) - CH_3$

120 hept-2,5-diino

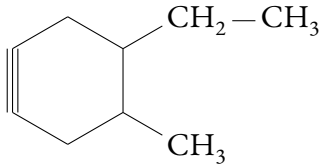
121 $CH_3 - CH(CH_3) - C \equiv C - C \equiv C - C(CH_3)(CH_3) - CH_3$

122 3-etil-4-propilocta-1,5,7-triino

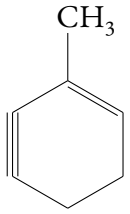
123 

124 

125 1,3-dimetilciclohexino

126 

127 ciclohexa-1,4-diino

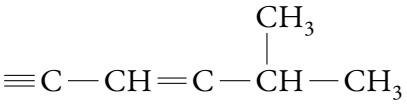
128 

129 2,3-dietil-1-metilciclohexa-1,3-diino

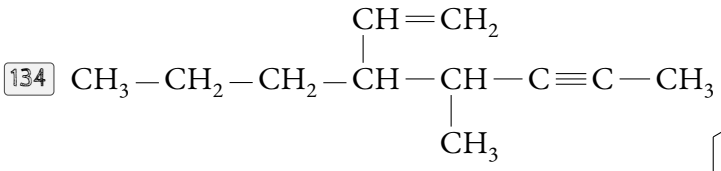
ALQUENINOS Y CICLOALQUENINOS

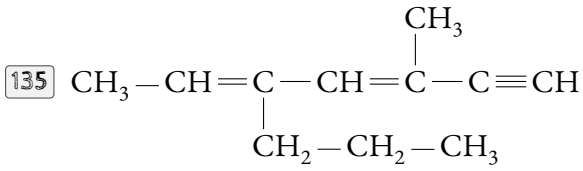
130 hex-1-en-3-ino

131 oct-3-en-1,7-diino

132 

133 pent-1-en-4-ino

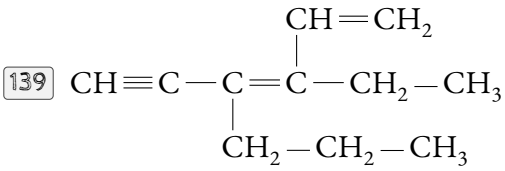
134 

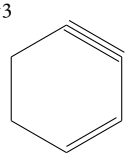
135 

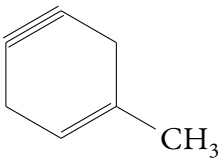
136 hept-3-en-1,6-diino

137 octa-1,3,7-trien-5-ino

138

139 

140 

141 

AMPLIACIÓN: RADICALES Y ESTRUCTURAS ESQUELETO

1 ciclobutilo

2 isopropilo

3 3-metilciclohexilo

4 $\cdot CH_2 - CH_3$

5 $\cdot CH_3$

6 $\cdot CH(CH_2-CH_3)_2$