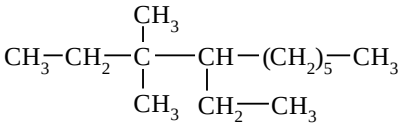
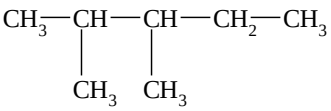
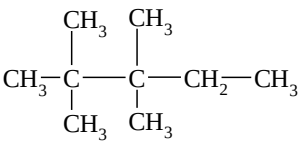
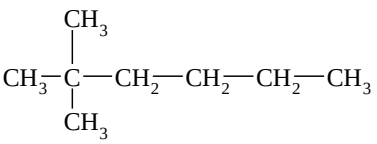
Ejercicios de formulación y nomenclatura de Química Orgánica

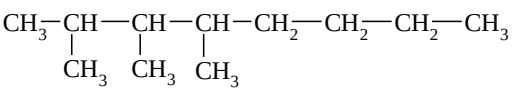
1. Metilpropano
2. 2,3-dimetilbutano
3. 5-etil-2,3,6-trimetil-4-propiloctano
4. 2-metilbutano o isopentano
5. 3-metilhexano.
6. Eteno (etileno)
7. But-1-eno
8. Pent-2-eno
9. Buta-1,3-dieno
10. Buta-1,2,3-trieno
11. Acetileno (etino)
12. 4-etil-5,6-dimetilhept-1-ino
13. 3-etilhexa-1,5-diino
14. 6-etil-6-metilocta-1,4-diino
15. 2,7-dimetilnona-3,5-diino
16. Nona-1,7-dien-3,5-diino
17. 4,8-dimetilnona-2,4-dien-6-ino
18. 3-metilhex-l-en-5-ino
19. 8-metil-5-vinildeca-l,6-dien-3,9-diino
20. 4,5-dimetilocta-3,6-dien-l-ino
21. 1,2-dietil-3-metilbenceno.
22. 1,3,5-trimetilbenceno
23. m-dimetilbenceno
24. 2-clorobutano
25. 1-bromopropano
26. Fluorometano
27. Tetraclorometano
28. Triclorometano o cloroformo
29. Pent-3-en-2-ol
30. 4-metilpentano-l,3-diol
31. But-2-eno-l,4-diol
32. Hex-3-en-5-in-1-ol
33. Propano-1,2,3-triol o glicerol
34. 3-metilhexan-3-ol
35. Isopropanol o propan-2-ol
36. Metoxietano o etilmetiléter.
37. Fenilpropiléter
38. Metoxieteno o metilviniléter.
39. Buten-2-al
40. Dimetil cetona
41. Dietil cetona o pentan-3-ona
42. Etanal
43. 2-metilpropanal
44. Metil vinil cetona o but-3-en-2-ona
45. Ciclohexil fenil cetona
46. Propanal
47. 2,2-dimetilbutanal
48. 2-metilpentan-3-ona
49. Ácido hexanoico
50. Ácido but-2-enoico
51. Ácido propanodioico
52. Ácido 2-hidroxietanoico o glicólico
53. Ácido bencenocarboxílico
54. Ácido 4-oxopentanoico
55. Acetato de plomo(II)
56. 2-metilpropanoato de sodio
57. Propanoato de etilo
58. Ácido 2,3-dihidroxibutanoico
59. Etanoato de metilo
60. 2-clorobutanoato de etilo
61. Butanamida
62. 2-metilpropanamida
63. N,N-dimetilmetanamida
64. N-metiletanamida
65. Butanodiamida
66. lsopropilamina
67. Metilpropilamina
68. 2-propenilamina o acrilamina.
69. Pentano- l,3-diamina
70. 1,3-dinitrobenceno
71. 2-nitrobutano

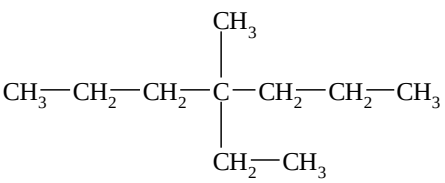
72. 

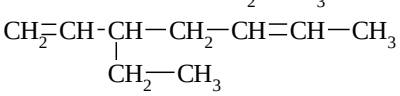
73. 

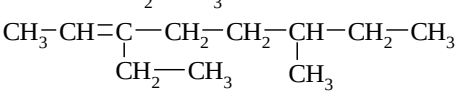
74. 

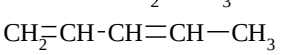
75. 

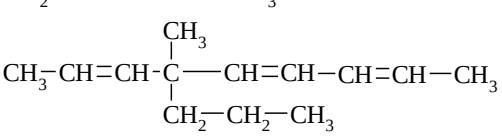
76. 

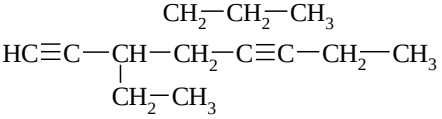
77. 

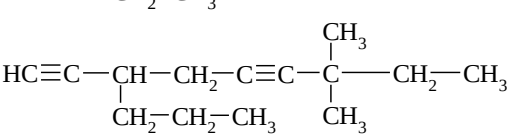
78. 

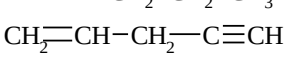
79. 

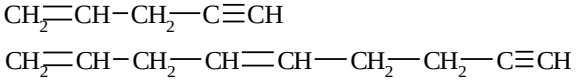
80. 

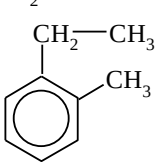
81. 

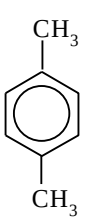
82. 

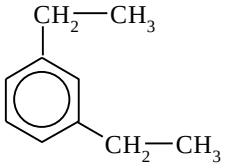
83. 

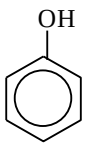
84. 

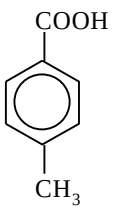
85. 

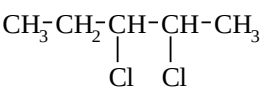
86. 

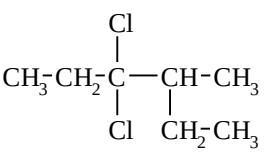
87. 

88. 

89. 

90. 

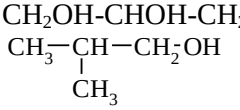
91. 

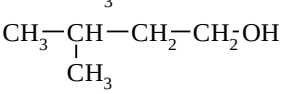
92. 

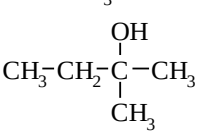
93. CH_3-CH_2OH

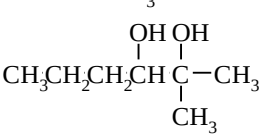
94. CH_3-CH_2-CHOH-CHOH-CH_3

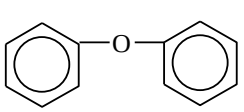
95. CH_2OH-CHOH-CH_2OH

96. 

97. 

98. 

99. 

100. 

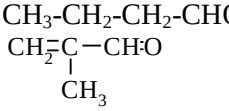
101 C_6H_5-O-CH_2-CH_3

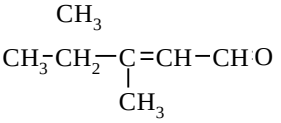
102 CH_3-O-CH_3

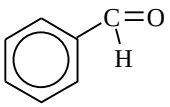
103 CH_3-CHO

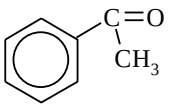
104 OHC-CH_2-CHO

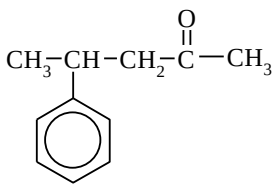
105 CH_3-CH_2-CH_2-CHO

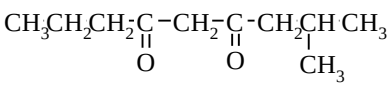
106 

107 

108. 

109. 

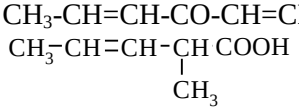
110. 

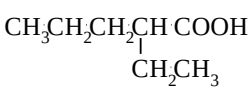
111. 

112. CH_3-CO-CH_3

113. CH_2OH-CH_2-CHOH-CO-CH_3

114. CH_3-CH=CH-CO-CH=CH_2

115. 

116. 

117. CH_3-COO—CH_3

118. HCOO—CH_2-CH_3

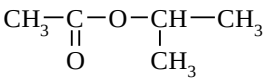
119. CH_3-CH_2-COO—CH_3

120. CH_3-COO—CH_2—CH_2—CH_3

121. CH_3-CHOH-CH_2-COOH

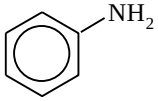
122. HCOO—CH_3

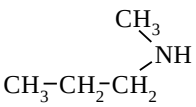
123. CH_3-$(CH_2)_2$-COOCH_2-CH_2-CH_3

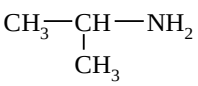
124. 

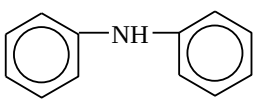
125. $(CH_3)_3N$

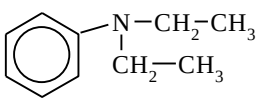
126. H_2N-CH_2-CH_2-CH_2-CH_2-NH_2

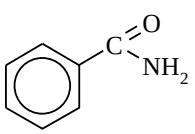
127. 

128. 

129. 

130. 

131. 

132. 

133. HCONH$_2$

134. CH_3-$(CH_2)_2$-CONH$_2$

135. CH_3-$(CH_2)_6$-CONH$_2$

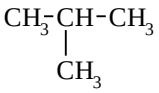
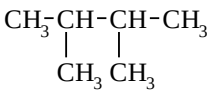
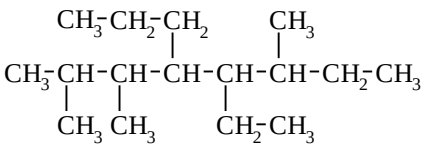
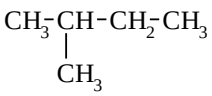
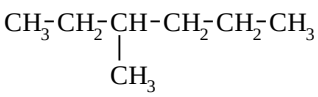
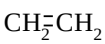
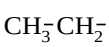
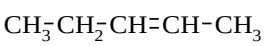
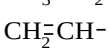
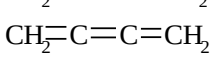
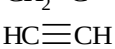
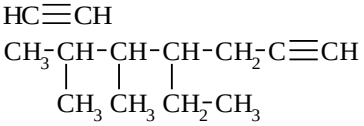
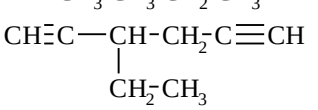
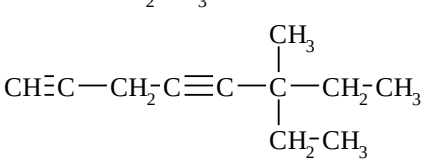
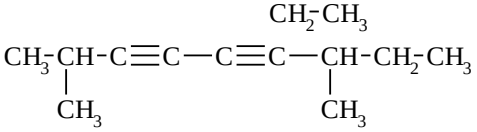
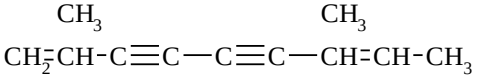
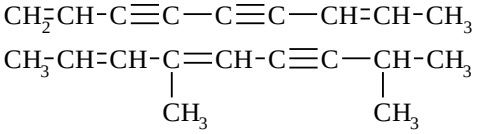
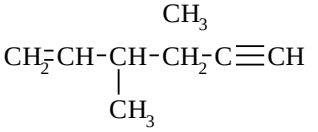
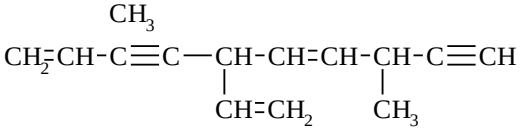
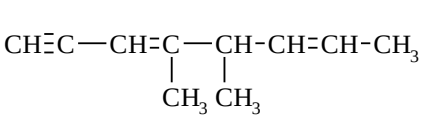
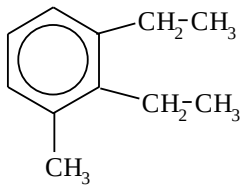
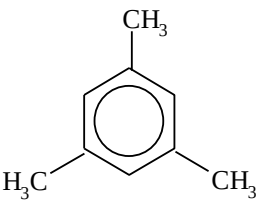
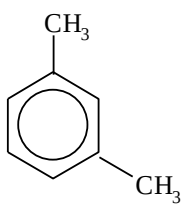
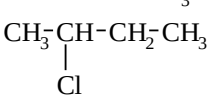
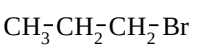
136. CH_3-CONH-CH_3

137. CH_3-CH_2-CONH-CH_3

138. $CH_2(NO_2)_2$

139. NO_2-CH_2-CH_2-NO_2

Soluciones

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 
13. 
14. 
15. 
16. 
17. 
18. 
19. 
20. 
21. 
22. 
23. 
24. 
25. 
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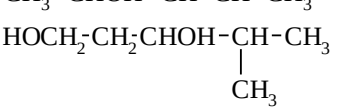
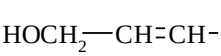
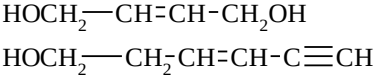
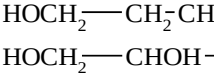
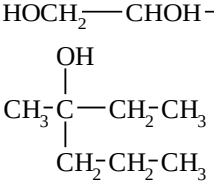
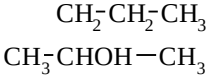
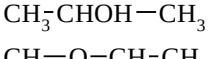
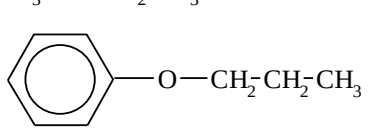
30. 
31. 
32. 
33. 
34. 
35. 
36. 
37. 
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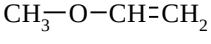
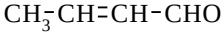
39. 
40. 
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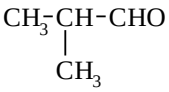
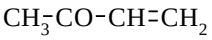
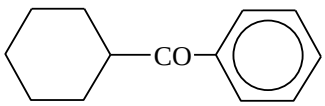
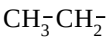
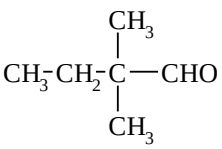
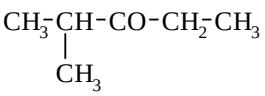
43. 

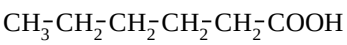
44. 

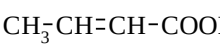
45. 

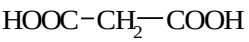
46. 

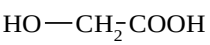
47. 

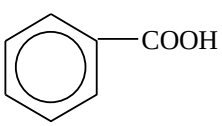
48. 

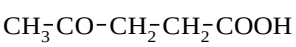
49. 

50. 

51. 

52. 

53. 

54. 

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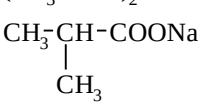
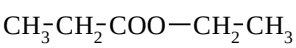
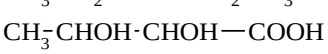
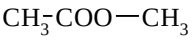
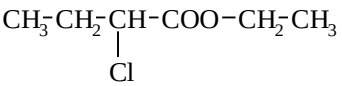
56. 

57. 

58. 

59. 

60. 

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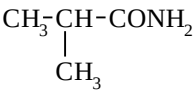
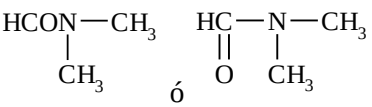
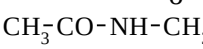
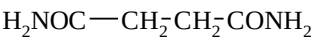
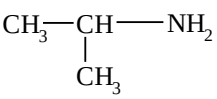
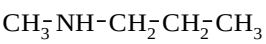
62. 

63. 

64. 

65. 

66. 

67. 

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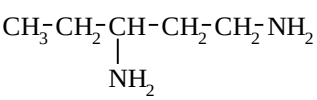
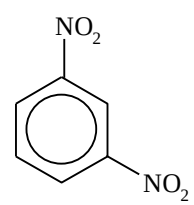
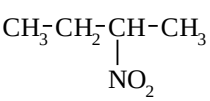
69. 

70. 

71. 

72. 4-etil-3,3-dimetildecano
73. 2,3-dimetilpentano
74. 2,2,3,3-tetrametilpentano
75. 2,2-dimetilhexano
76. 2,3,4-trimetiloctano
77. 4-etil-4-metilheptano
78. 3-etilhepta-1,5-dieno
79. 3-etil-6-metiloct-2-eno
80. Penta-1,3-dieno
81. 6-metil-6-propilnona-2,4,7-trieno
82. 3-etilocta-1,5-diino
83. 7,7-dimetil-3-propilnona-1,5-diino
84. Pent-1-en-4-ino
85. Nona-1,4-dien-8-ino
86. 1-etil-2metilbenceno (o-etiltolueno)
87. 1,4-dimetilbenceno (p-dimetilbenceno)
88. m-dietilbenceno
89. fenol
90. ácido p-metilbenzoico
91. 2,3-dicloropentano
92. 2-etil-3,3-dicloropentano
93. Etanol
94. Pentano-2,3-diol
95. Propano-1,2,3-triol
96. 2-metilpropan-1-ol
97. 3-metilbutan-1-ol
98. 2-metilbutan-2-ol
99. 2-metilhexano-2,3-diol
100. difeniléter
101. etilfeniléter
102. dimetiléter
103. etanal
104. propanodial
105. butanal
106. 2-metilprop-2-enal
107. 3-metilpent-2-enal
108. benzaldehido
109. fenilmetilcetona
110. 4-fenilpentan-2-ona
111. 2-metilnona-4,6-diona
112. propanona (acetona)
113. 3,5-dihidroxipentan-2-ona
114. hexa-1,4-dien-3-ona
115. ácido 2-metilpent-3-enoico
116. ácido 2-etilpentanoico
117. etanoato de metilo
118. metanoato (formiato) de etilo
119. propanoato de metilo
120. etanoato de propilo
121. ácido 3-hidroxibutanoico
122. metanoato de metilo
123. butanoato de propilo
124. etanoato de isopropilo
125. trimetilamina
126. butano-1,4-diamina
127. Anilina o fenilamina
128. metilpropilamina
129. isopropilamina
130. difenilamina
131. dietilfenilamina
132. benzamida
133. metanamida (formamida)
134. butanamida
135. octanamida
136. N-metiletanamida
137. N-metilpropanamida
138. Dinitrometano
139. 1,2-dinitroetano