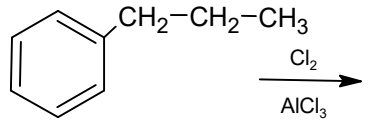
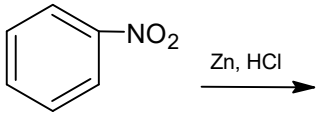
1. $H_2C{=}CH{-}CH_2{-}CH_2{-}CH_3 + HBr \xrightarrow{FeBr_3}$

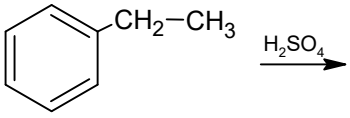
2. 


3. $H_3C{-}C{\equiv}CH + H_2O \xrightarrow[H_2SO_4]{HgSO_4}$

4. 


5. $H_3C{-}CH_2{-}OH \xrightarrow{oxidácia}$

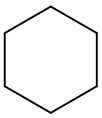
6. $H_3C{-}CH_2{-}O{-}CH_3 + HBr \xrightarrow{t}$

7. 

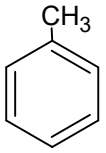

8. $_n\ H_2C{=}CH{-}CH_3 \longrightarrow$

9. $H_3C{-}CH_2{-}NH_2 \xrightarrow[HCl]{NaNO_2}$

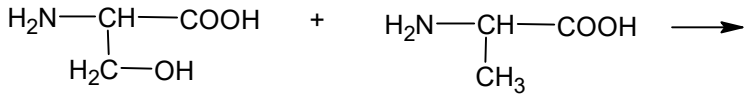
10. $H_2C{=}CH{-}CH_3 + H_2 \xrightarrow{Pt}$

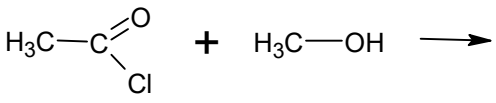
11.  $+ Cl_2 \xrightarrow{UV}$

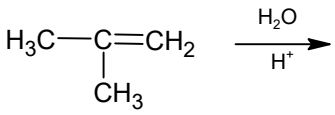
12. $H_3C{-}CH_2{-}Cl + H_2O \xrightarrow{H^+}$

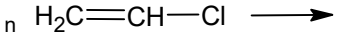
13. 

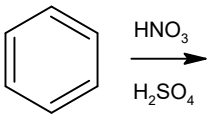

14. $H_2C{=}CH{-}CH{=}CH_2 + HBr \xrightarrow{t}$

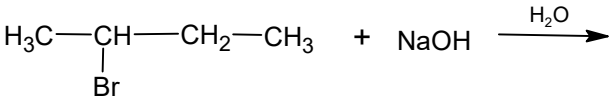
15. 

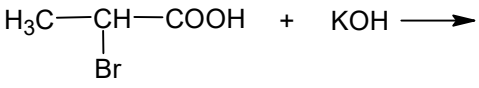

16. 

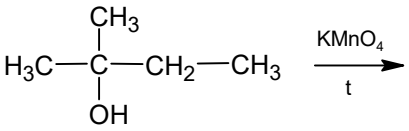
17. 

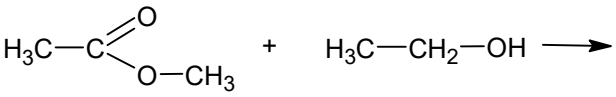
18. 

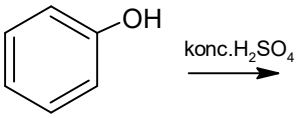
19. 

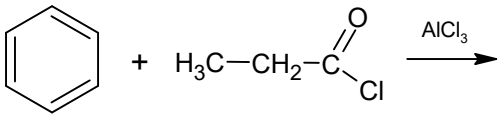
20. 

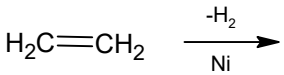
21. 

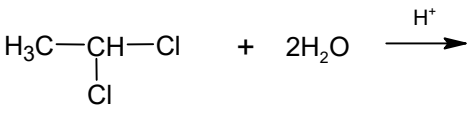
22. 

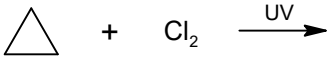
23. 

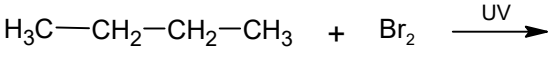
24. 

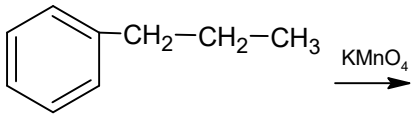
25. 

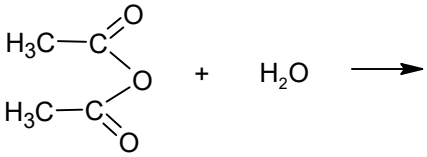
26. 

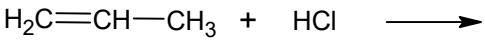
27. 

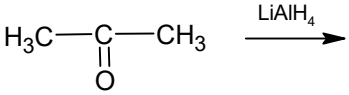
28. 

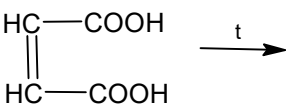
29. 

30. 

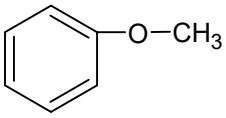
31. 

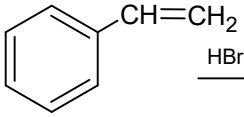
32. 

33. 

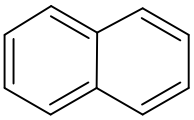
34. 

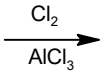
35. $HOOC-CH_2-COOH \xrightarrow{t}$

36.  $+ \; HI \xrightarrow{H^+}$

37.  $\xrightarrow{HBr}$

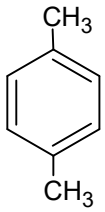
38. $H_3C-CH_2-CH_3 + O_2 \longrightarrow$

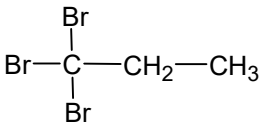
39.  $\xrightarrow[V_2O_5]{O_2}$

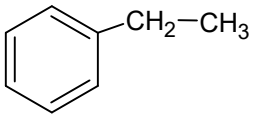
40. $HC\equiv CH + Cl_2 \xrightarrow{AlCl_3}$  $\xrightarrow[AlCl_3]{Cl_2}$

41. $H_3C-CH_2-COOH + H_3C-OH \xrightarrow{H^+}$

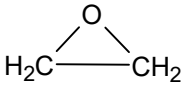
42. $H_3C-CHO + H_3C-\overset{\overset{O}{\|}}{C}-CH_3 \xrightarrow{OH^-}$

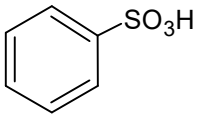
43.  $\xrightarrow{KMnO_4}$

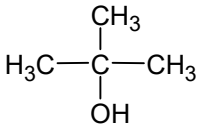
44.  $\xrightarrow[H^+]{3H_2O}$

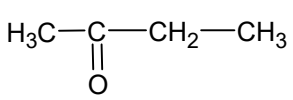
45.  $\xrightarrow[UV]{Br_2}$

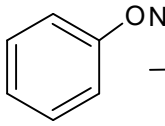
46. $H_3C-CH_2-OH \xrightarrow[2O°C]{H_2SO_4}$

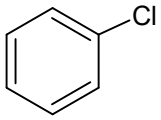
47.  $+ \; H_2O \xrightarrow{H^+}$

48.  $\xrightarrow[H_2SO_4]{HNO_3}$

49.  $\xrightarrow[t]{KMnO_4}$

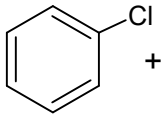
50.  $\xrightarrow{K_2Cr_2O_7}$

51. $H_3C—CH_2—Br$ +  →

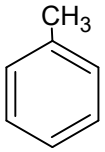
52.  + $H_3C—Cl$ $\xrightarrow{AlCl_3}$

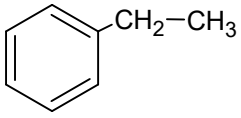
53. $H_3C—CH_3$ + $HNO_3$ $\xrightarrow{UV}$

54. $H_3C—C\equiv C—CH_3$ + $H_2O$ $\xrightarrow[H_2SO_4]{HgSO_4}$

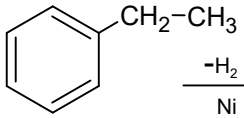
55.  + $NH_3$ $\xrightarrow[t]{CuCl_2}$

56. $H_3C—CH_2—Cl$ + $NaOH$ $\xrightarrow{H_2O}$

57.  + $H_3C—CH_2—CH_2—Br$ $\xrightarrow{FeBr_3}$

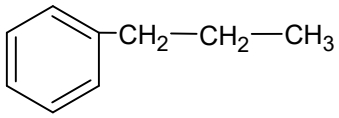
58.  $\xrightarrow{H_2SO_4}$

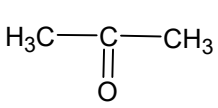
59. $H_3C—CH_2—COOH$ + $NaOH$ →

60.  $\xrightarrow[Ni]{-H_2}$

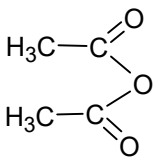
61. $H_3C—CH_2—OH$ $\xrightarrow[120°C]{H_2SO_4}$

62. $H_3C—CHO$ + $H_3C—CHO$ $\xrightarrow{OH^-}$

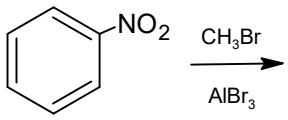
63.  $\xrightarrow[UV]{Cl_2}$

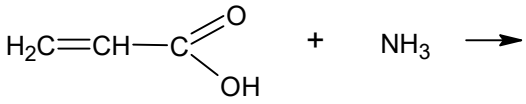
64.  $\xrightarrow{LiAlH_4}$

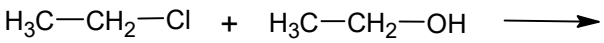
65. $H_3C—CH_2—Br$ + $H_3C—CH_2—CH_2—Li$ →

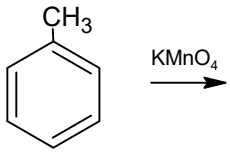
66.  + $H_3C—OH$ →

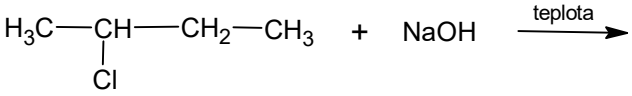
67. $H_3C—COOH$ + $H_3C—COOH$ $\xrightarrow{t}$

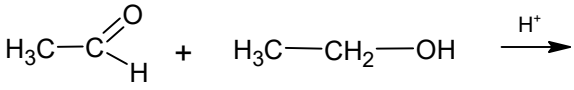
68. 

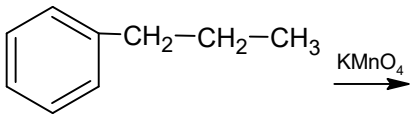

69. 

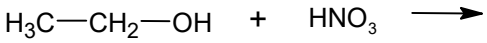

70. 


71. 

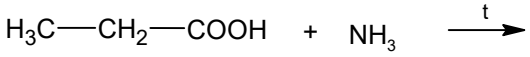

72. 

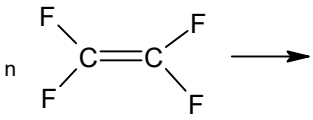

73. 

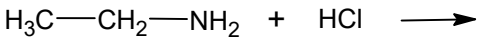

74. 

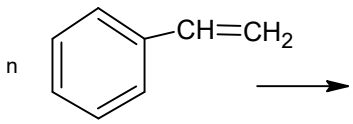

75. 

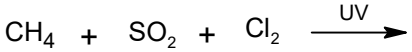

76. 

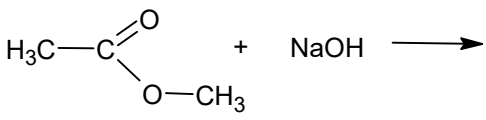

77. 

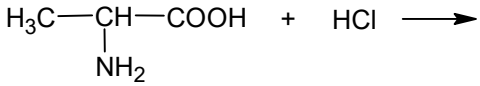

78. 

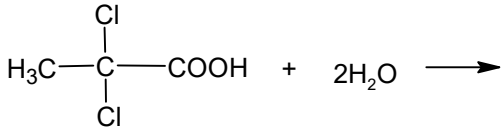

79. 

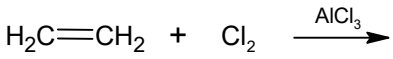

80. 

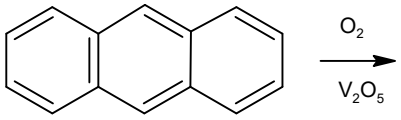

81. 

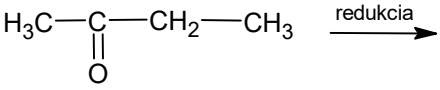

82. 

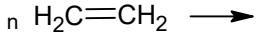

83. 

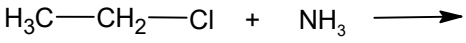
84. 

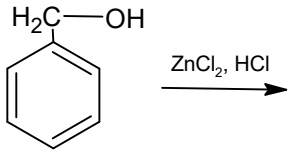
85. 

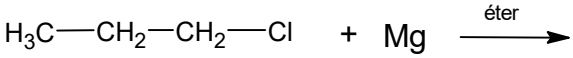
86. 

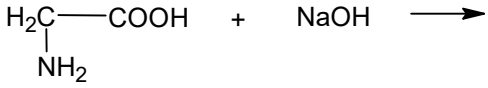
87. 

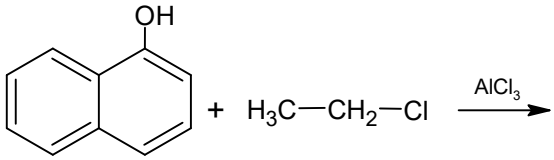
88. 

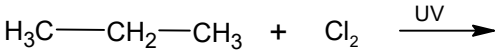
89. 

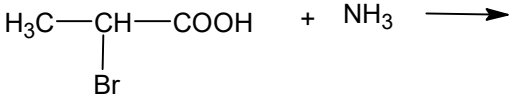
90. 

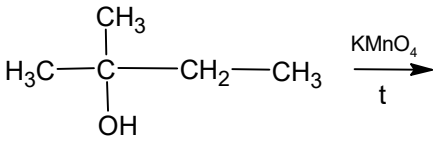
91. 

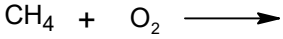
92. 

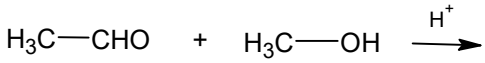
93. 

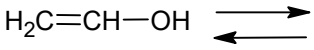
94. 

95. 

96. 

97. 

98. 

99. 

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