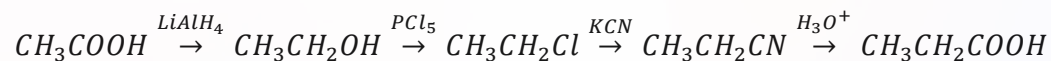


Organic Chemistry Conversions: 132 Pathways

1. Acetic acid to propanoic acid



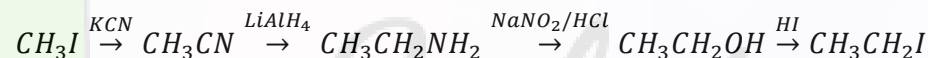
2. Acetaldehyde to propanal



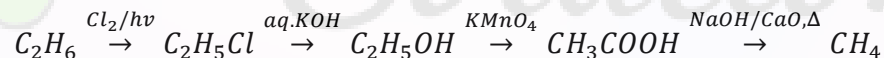
3. Ethyl bromide to n-propyl bromide



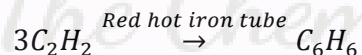
4. Methyl iodide to ethyl iodide



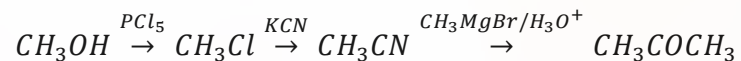
5. Ethane to Methane



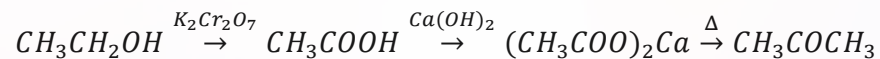
6. Ethyne to Benzene



7. Methanol to acetone



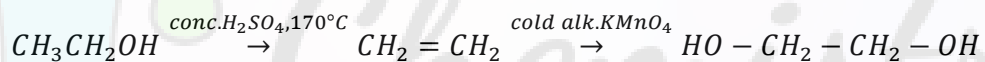
8. Ethanol to propanone



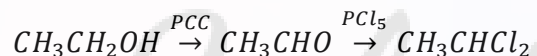
9. Propanone to propene



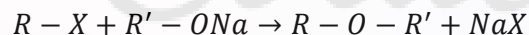
10. Ethanol to ethane diol



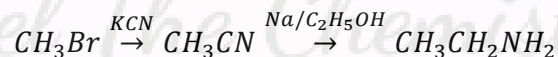
11. Ethanol to 1,1-dichloro ethane



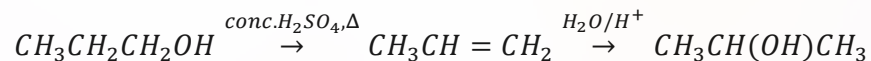
12. Alkyl halide to ether



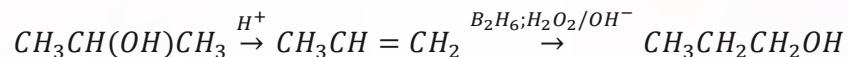
13. Methyl bromide to ethyl amine



14. 1-propanol to 2-propanol



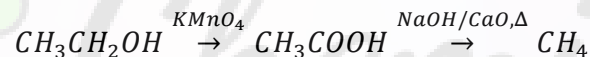
15. 2-propanol to 1-propanol



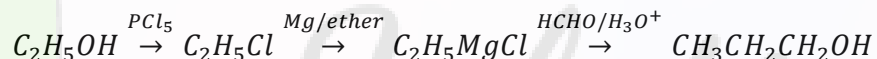
16. Isopropyl alcohol to tert-butyl alcohol



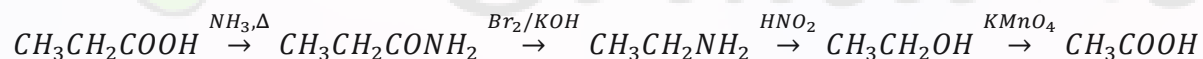
17. Ethanol to Methane



18. ethanol to 1-propanol



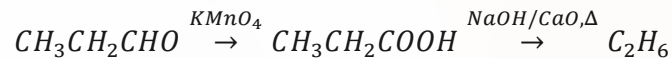
19. Propanoic acid to acetic acid



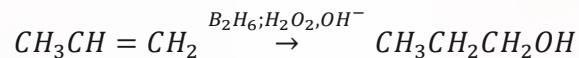
20. Formic acid to acetic acid



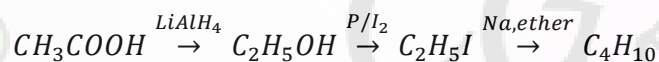
21. Propanal to ethane



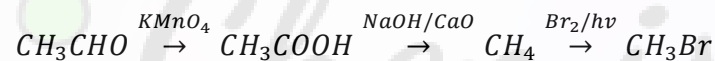
22. Propene to 1-propyl alcohol



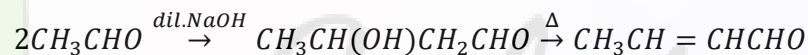
23. Acetic acid to butane



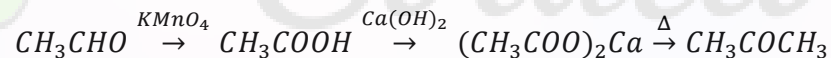
24. Acetaldehyde to methyl bromide



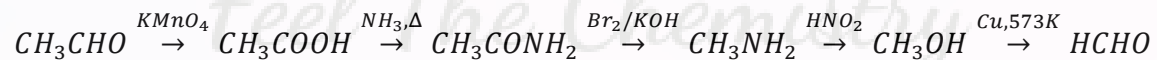
25. Acetaldehyde to crotonaldehyde



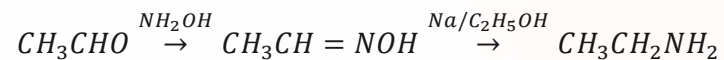
26. Acetaldehyde to acetone



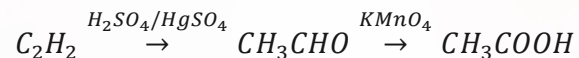
27. Acetaldehyde to formaldehyde



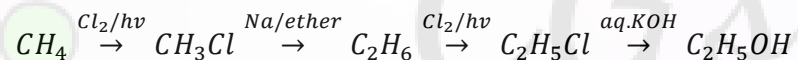
28. Acetaldehyde to ethyl amine



29. Ethyne to acetic acid



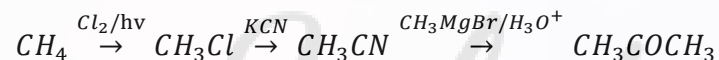
30. Methane to ethanol



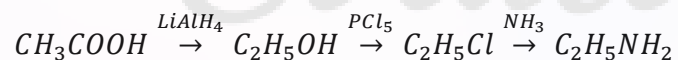
31. Acetic acid to acetaldehyde



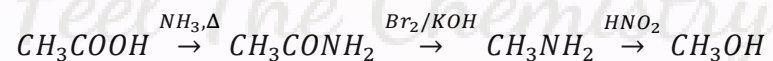
32. Methane to acetone



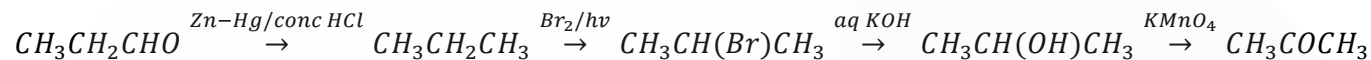
33. Acetic acid to ethyl amine



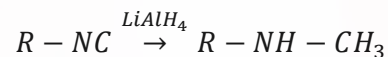
34. Acetic acid to methyl alcohol



35. Propanal to Acetone



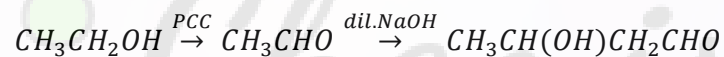
36. Isocyanide to secondary amine



37. Acetaldehyde to butane-1,3-diol



38. Ethanol to 3-hydroxy butanal



39. Methyl bromide to acetic acid



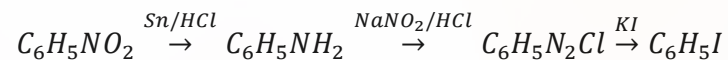
40. Nitrobenzene to benzoic acid



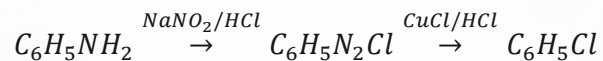
41. Aniline to benzylalcohol



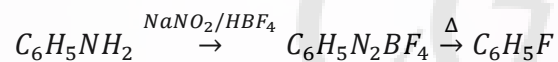
42. Nitrobenzene to iodobenzene



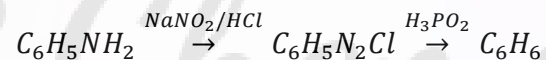
43. Aniline to chlorobenzene



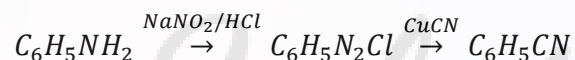
44. Aniline to fluorobenzene



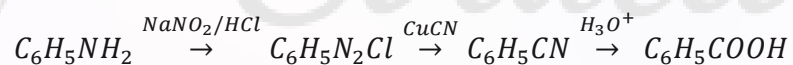
45. Aniline to benzene



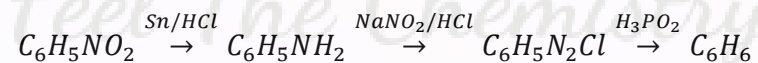
46. Aniline to phenyl cyanide



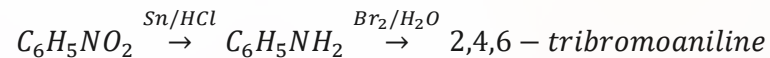
47. Aniline to benzoic acid



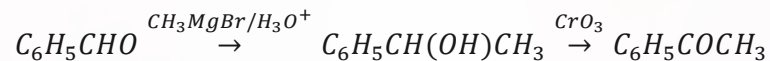
48. Nitrobenzene to benzene



49. Nitrobenzene to 2,4,6-tribromo aniline



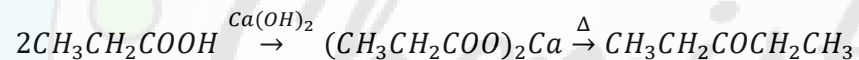
50. Benzaldehyde to acetophenone



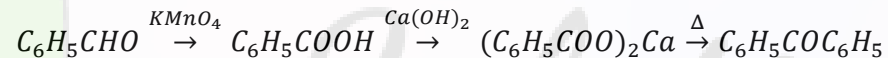
51. Ethyl alcohol to diethyl ether



52. Propanoic acid to 3-pentanone



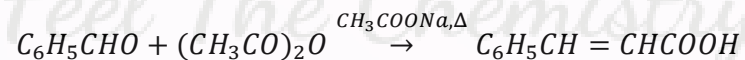
53. Benzaldehyde to benzophenone



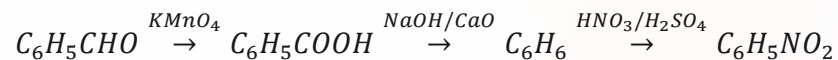
54. Benzaldehyde to cyanobenzene



55. Benzaldehyde to cinnamic acid



56. Benzaldehyde to nitrobenzene



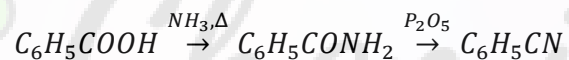
57. Benzoic acid to aniline



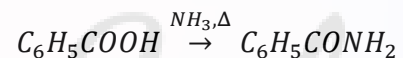
58. Benzoic acid to benzaldehyde



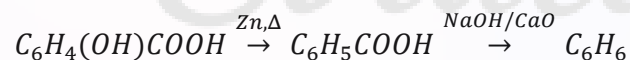
59. Benzoic acid to phenyl cyanide



60. Benzoic acid to benzamide



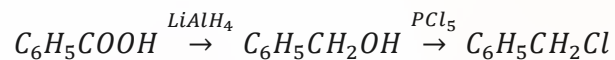
61. Salicylic acid to benzene



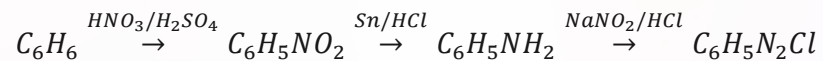
62. Benzene to diphenyl



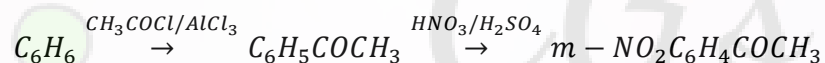
63. Benzoic acid to benzyl chloride



64. Benzene to diazonium chloride



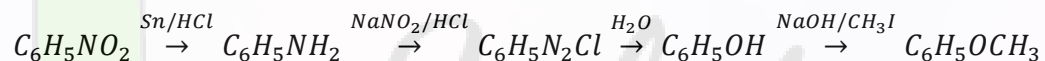
65. Benzene to m-nitroacetophenone



66. Benzene to benzaldehyde



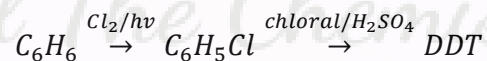
67. Nitrobenzene to anisole



68. Phenol to picric acid



69. Benzene to DDT



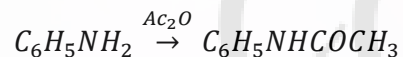
70. Phenol to aspirin



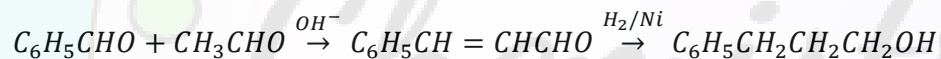
71. Phenol to methyl salicylate



72. Aniline to acetanilide



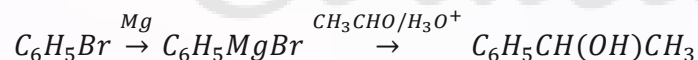
73. Benzaldehyde to 3-phenylpropan-1-ol



74. Benzaldehyde to Mandelic acid



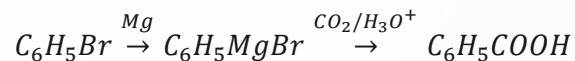
75. Bromobenzene to 1-phenylethanol



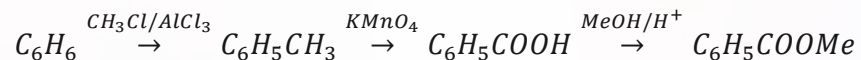
76. Benzoic acid to m-nitrobenzyl alcohol



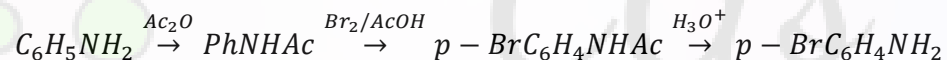
77. Bromobenzene to benzoic acid



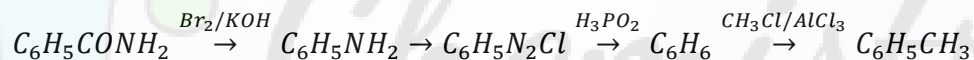
78. Benzene to methyl benzoate



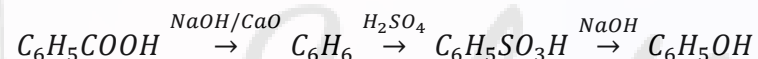
79. Aniline to p-bromoaniline



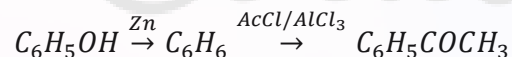
80. Benzamide to toluene



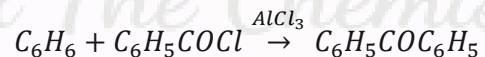
81. Benzoic acid to phenol



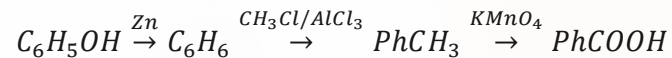
82. Phenol to acetophenone



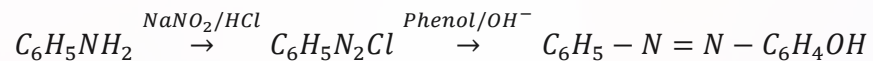
83. Benzene to benzophenone



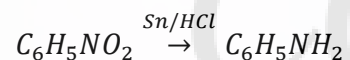
84. Phenol to benzoic acid



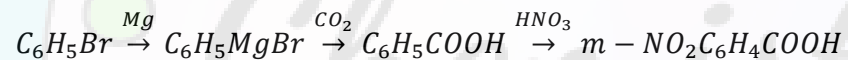
85. Aniline to p-hydroxyazobenzene



86. Nitrobenzene to p-aminobenzene (Aniline)



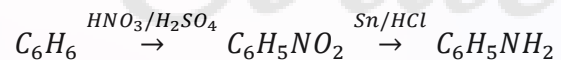
87. Bromobenzene to m-nitrobenzoic acid



88. Benzene to benzoic acid



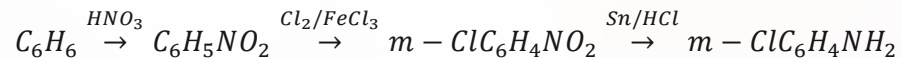
89. Benzene to aniline



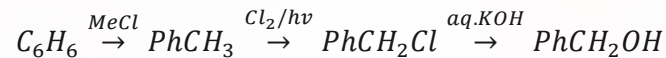
90. Benzene to anisole



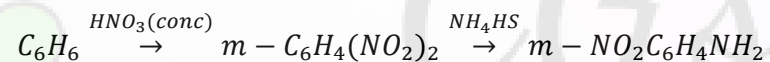
91. Benzene to m-chloro aniline



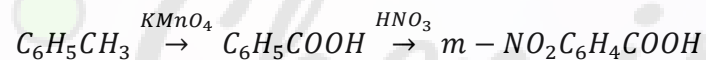
92. Benzene to benzyl alcohol



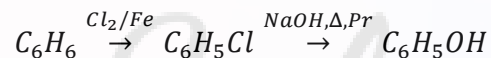
93. Benzene to m-nitro aniline



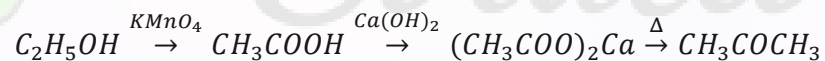
94. Toluene to 3-nitro benzoic acid



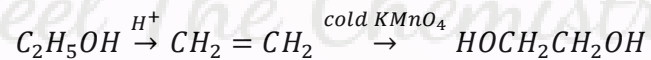
95. Benzene to phenol



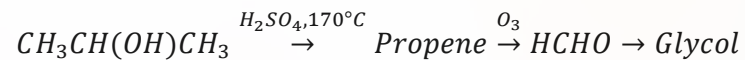
96. Ethanol to Propanone



97. Ethyl alcohol to ethylene glycol



98. Propan-2-ol to ethylene glycol



99. Propan-2-ol to 1-bromopropane



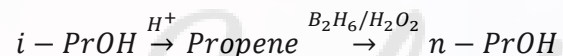
100. Ethyl alcohol to tertiary butyl alcohol



101. n-Propyl alcohol to isopropyl alcohol



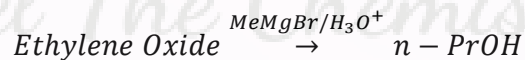
102. isopropyl alcohol to n-propyl alcohol



103. Acetylene to n-butyl alcohol



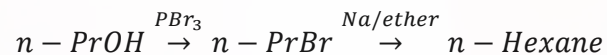
104. Ethylene oxide to n-propyl alcohol



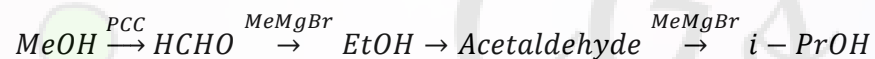
105. n-butyl alcohol to dimethyl acetylene



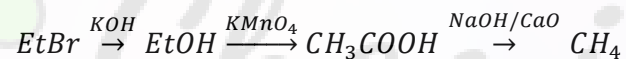
106. n-propyl alcohol to n-hexane



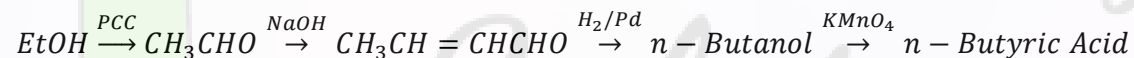
107. Methyl alcohol to isopropyl alcohol



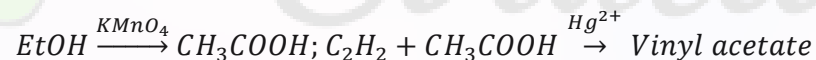
108. Ethyl bromide to methane



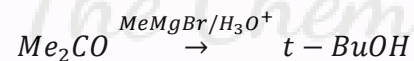
109. Ethyl alcohol to n-butyric acid



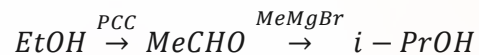
110. Ethyl alcohol to vinyl acetate



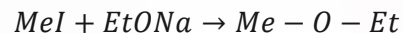
111. Acetone to tertiary butyl alcohol



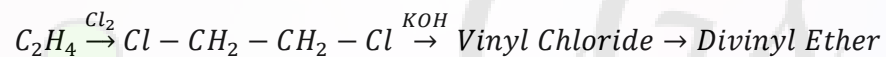
112. Ethyl alcohol to isopropyl alcohol



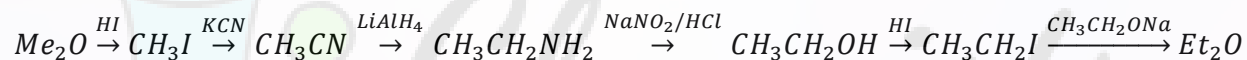
113. Methyl iodide to methyl ethyl ether



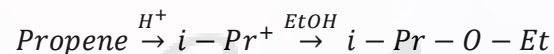
114. Ethylene to divinyl ether



115. Dimethyl ether to diethyl ether



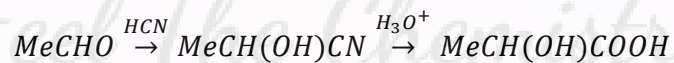
116. Propene to 2-ethoxypropane



117. Ethyl iodide to diethylether



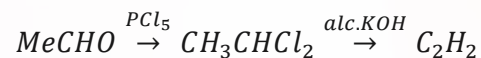
118. Ethanal to lactic acid



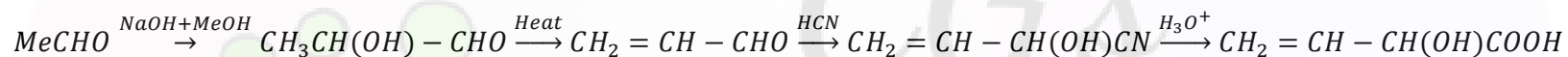
119. Acetaldehyde to acetone



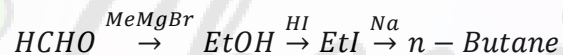
120. Ethanal to ethyne



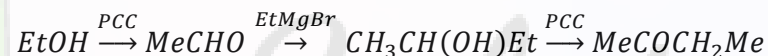
121. Ethanal to 2-hydroxy but-3-enoic acid



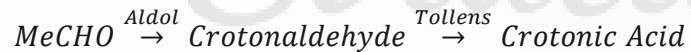
122. Formaldehyde to n-butane



123. Ethanol to Butan-2-one



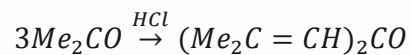
124. Acetaldehyde to Crotonic acid



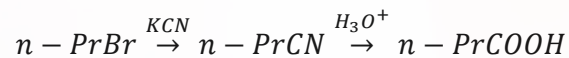
125. Propanal to Propyne



126. Acetone to Phorone



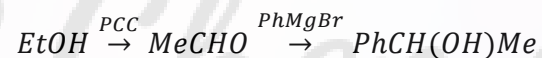
127. 1-bromopropane to butanoic acid



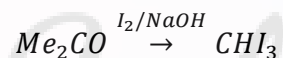
128. Ethyne to propanoic acid



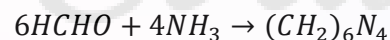
129. Ethanol to phenyl ethanol



130. Propanone to iodoform



131. Formaldehyde to urotropine



132. Acetone to tertiary butyl alcohol

