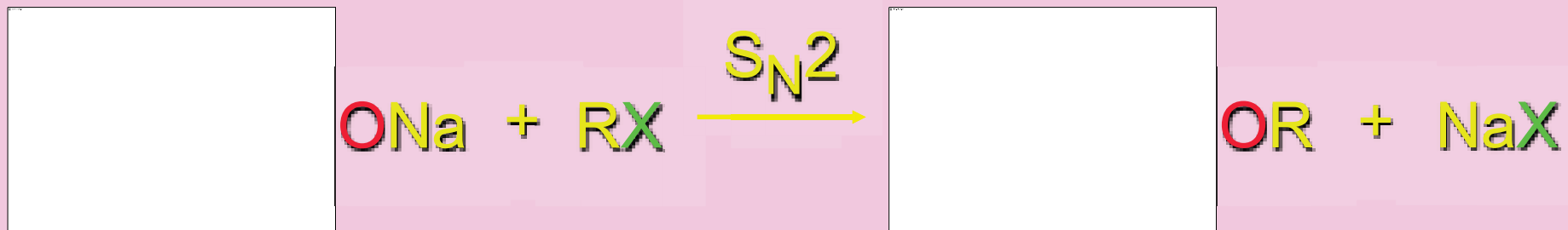
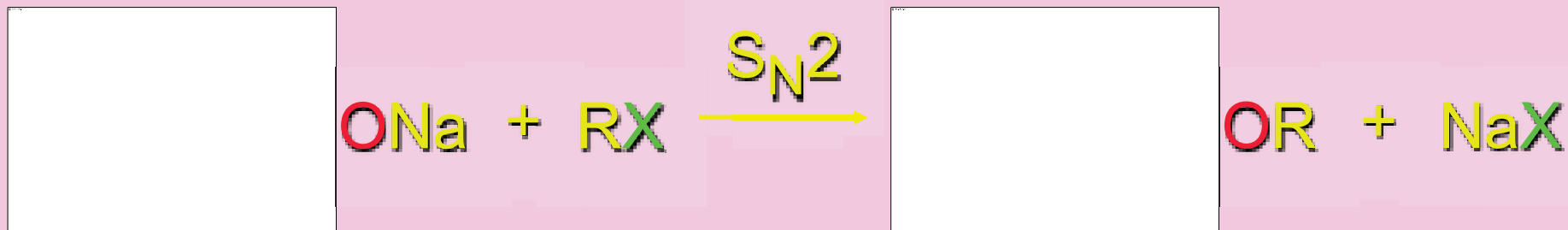


Typical Preparation is by Williamson Synthesis



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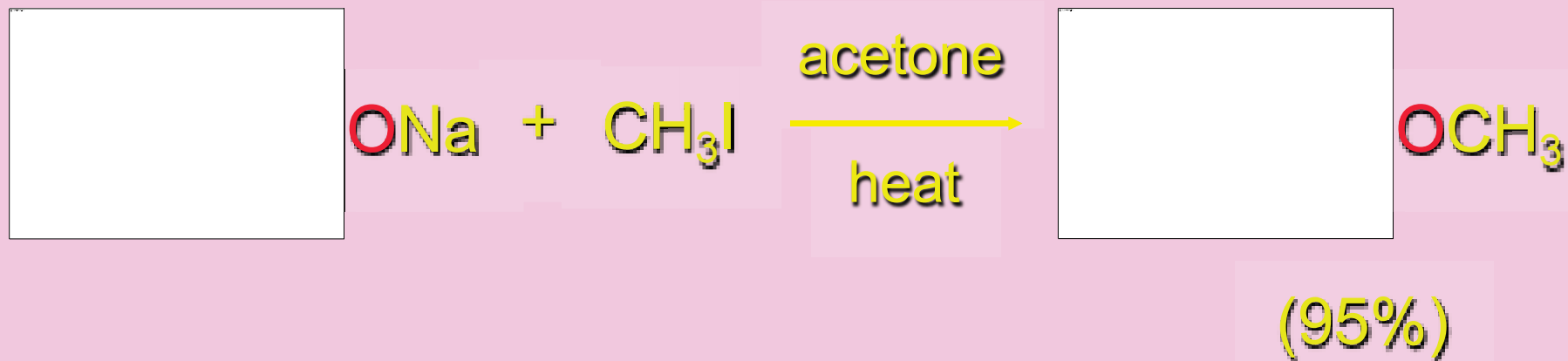


but the other combination

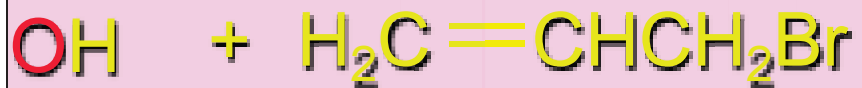
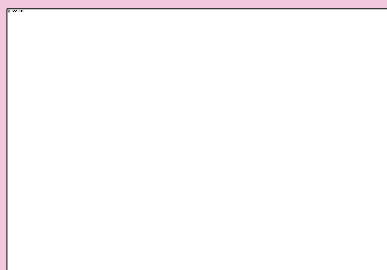


fails because aryl halides are normally unreactive toward nucleophilic substitution

Example

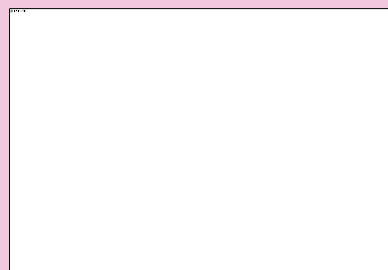


Example

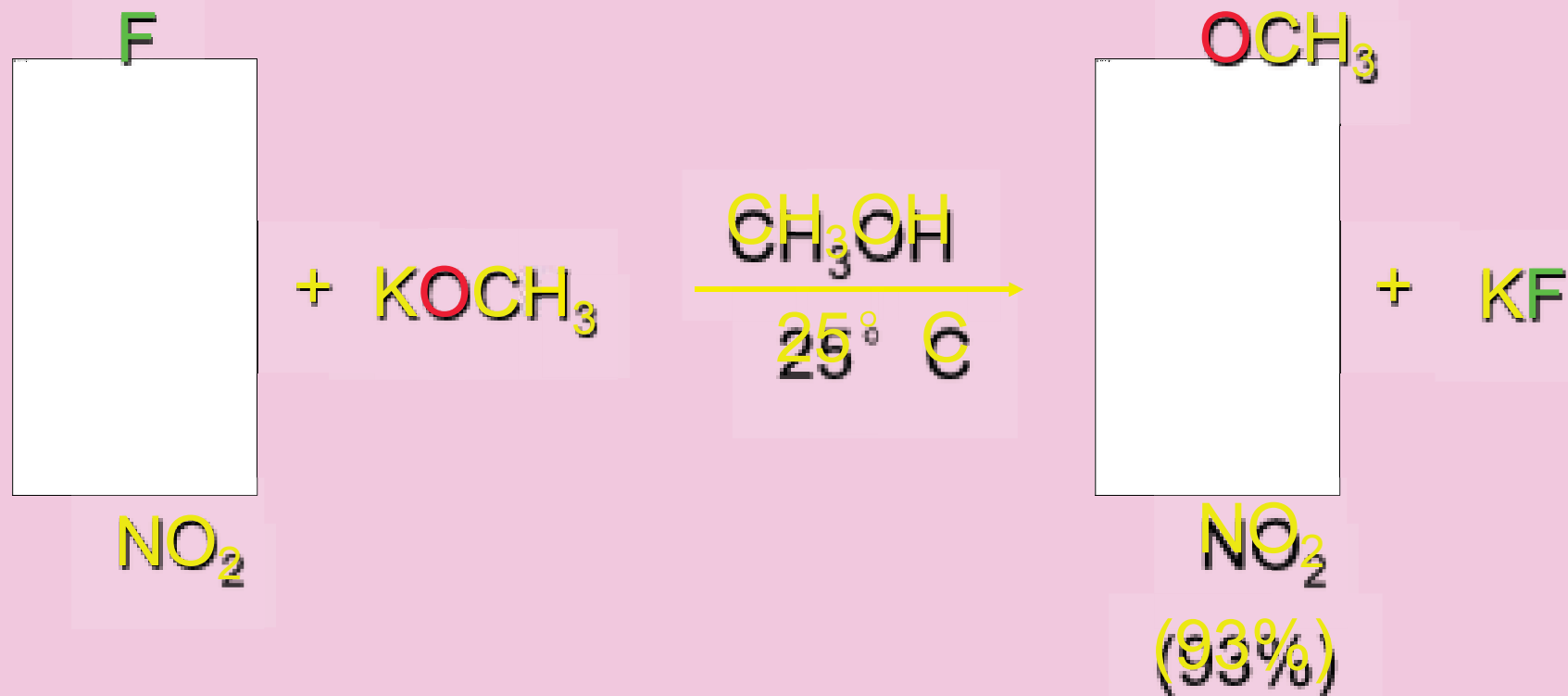


acetone, heat

(86%)



Aryl Ethers from Aryl Halides

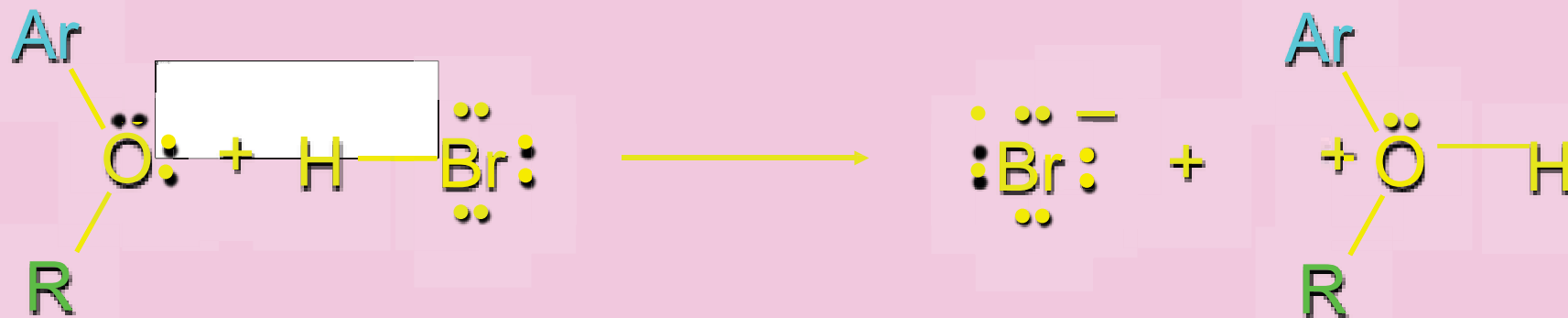


nucleophilic aromatic substitution is effective with nitro-substituted (ortho and/or para) aryl halides

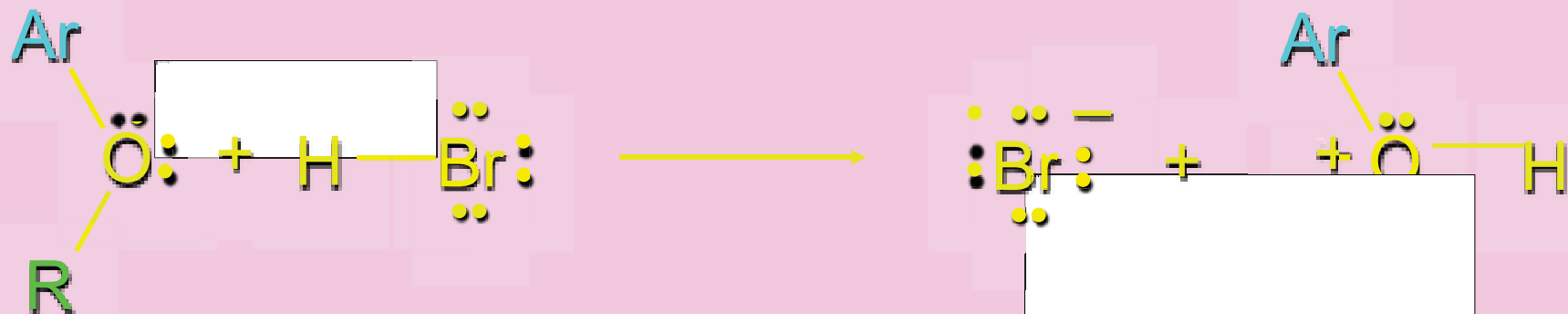
24.12

**Cleavage of Aryl Ethers
by Hydrogen Halides**

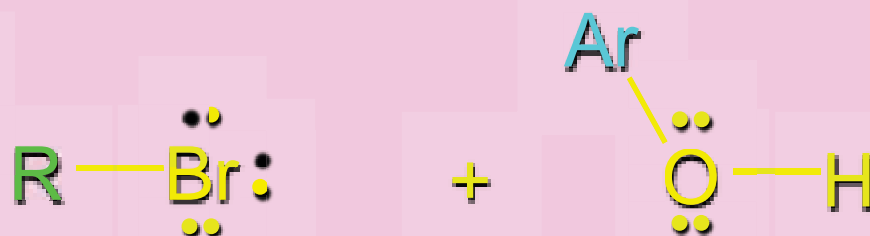
Cleavage of Alkyl Aryl Ethers



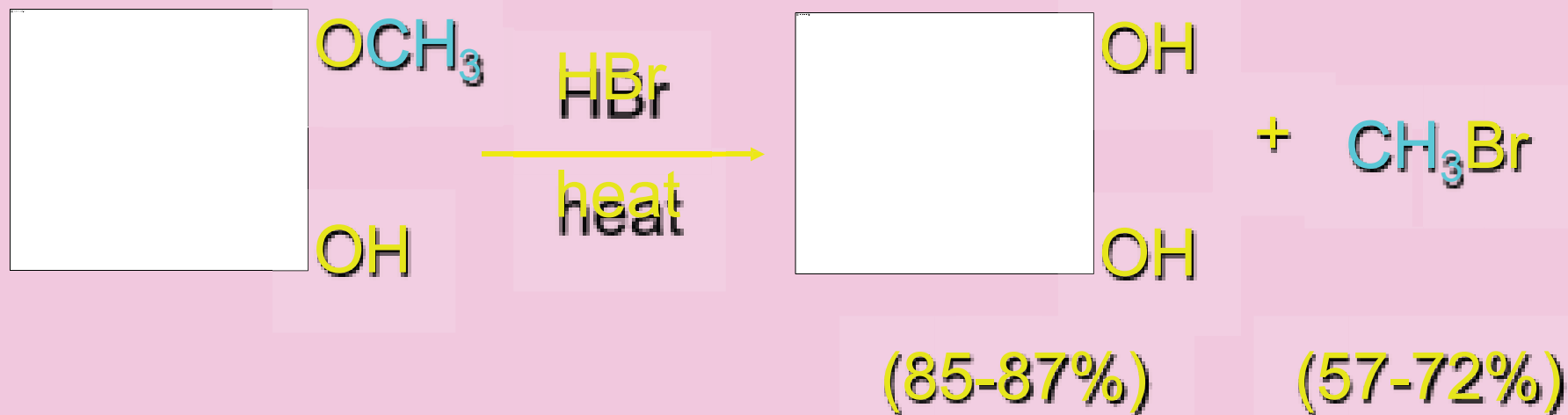
Cleavage of Alkyl Aryl Ethers



An alkyl halide is formed; never an aryl halide!



Example



24.13

**Claisen Rearrangement
of Allyl Aryl Ethers**

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/145211132134011312>