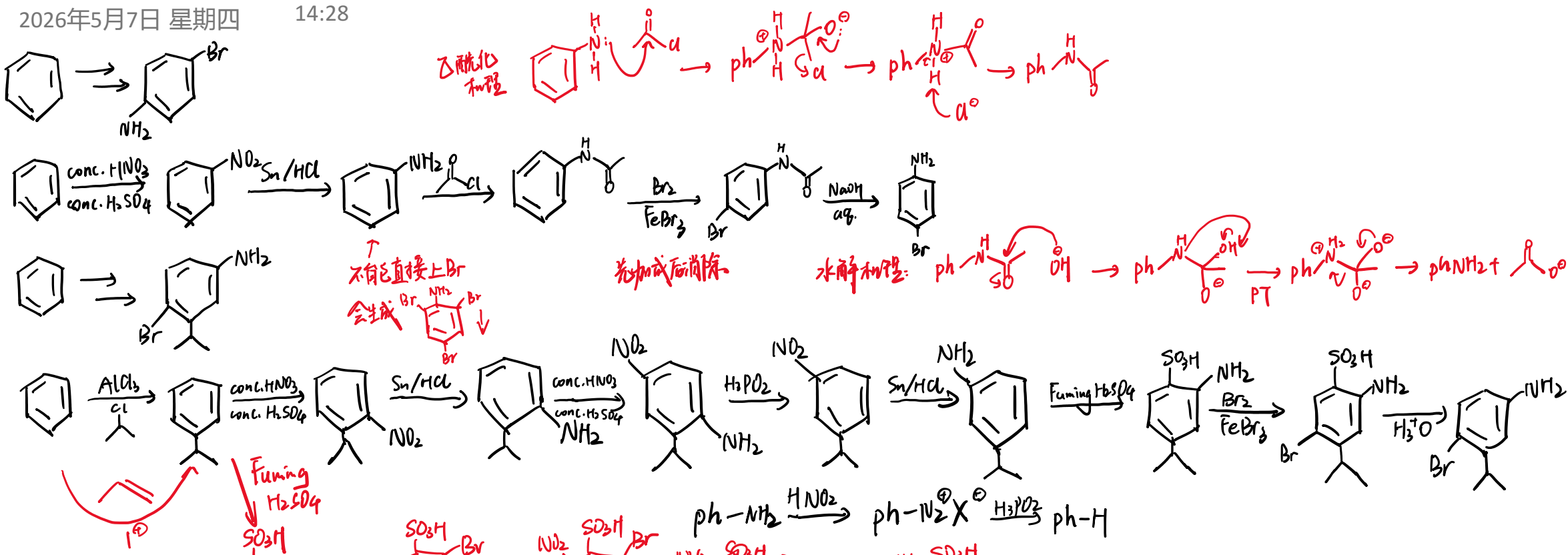
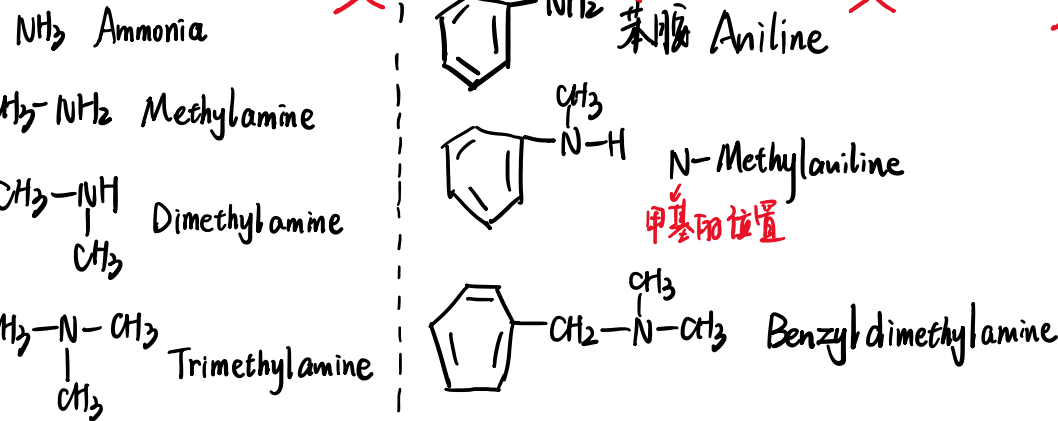


Amines

2026年5月7日 星期四 14:28

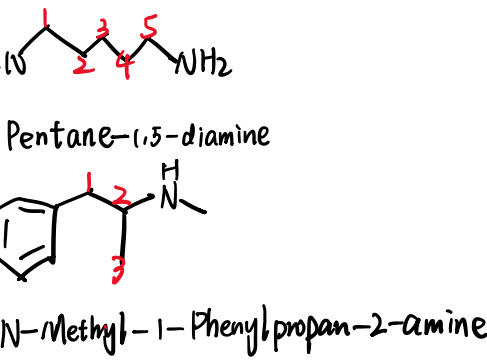
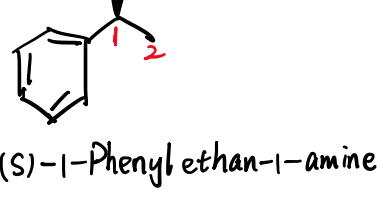


氨的分类和命名

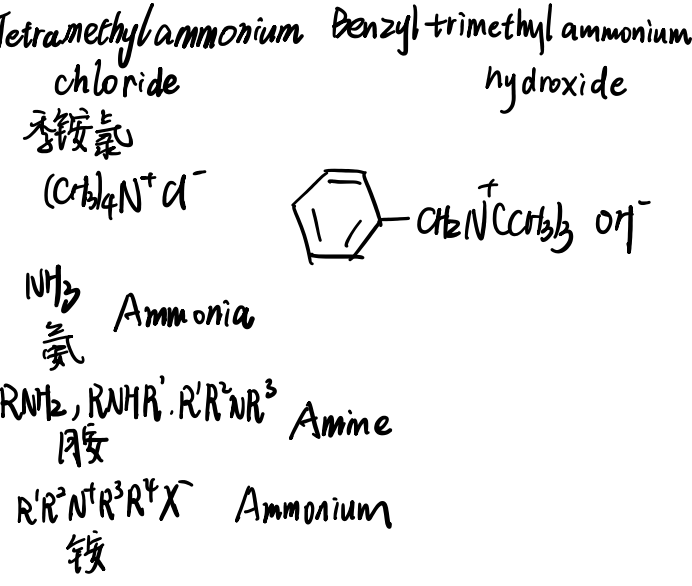


IUPAC 规则: e $\rightarrow$ amine

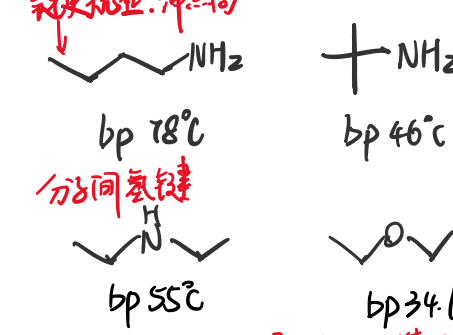
amino carbon atom is C1 (in cyclic amines)



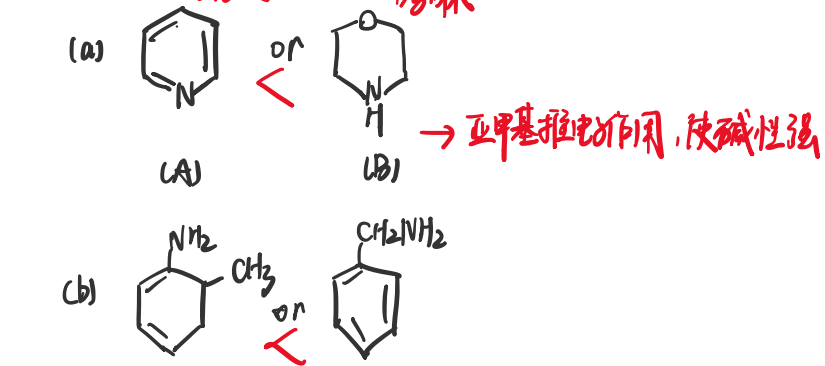
氮的分类与命名:



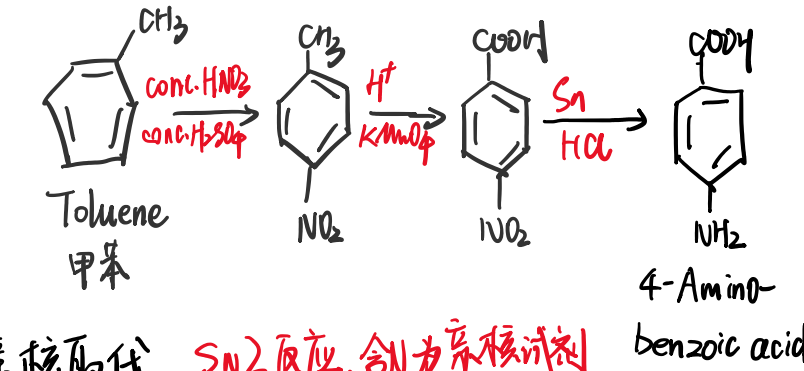
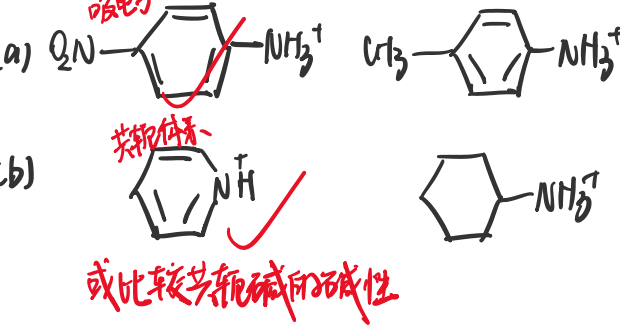
Hydrogen bond between amines:



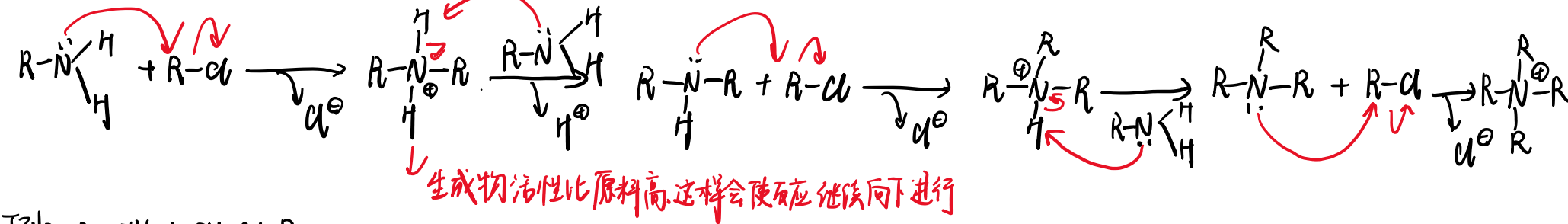
氮的碱性: 脂肪胺碱性 > 芳香胺; N 可以受溶剂H+影响



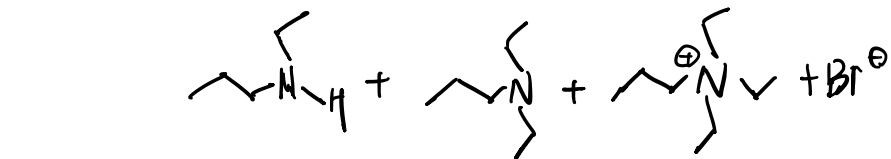
酸性:



亲核取代: SN2 反应, 含N为亲核试剂



Example: CCN + CBrCCBr $\rightarrow$



鉴别: 先加 HCl, 将 Cc1ccc(N)cc1 溶解, 再加 NaOH, 将 Cc1ccc(O)cc1 溶解.