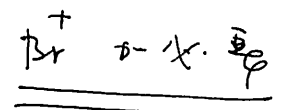
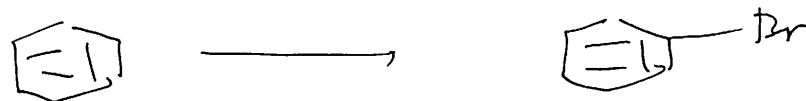


2018.4.27

bromination of benzene

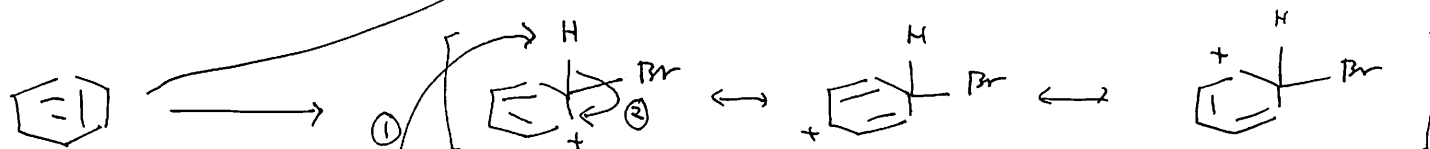
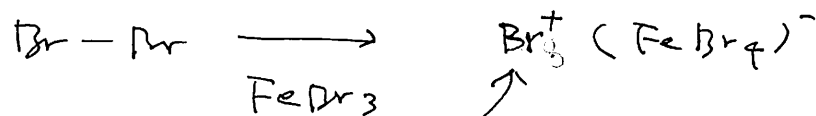
reagents
mechanism

10 min

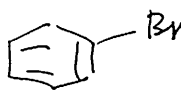


reagents Br_2 , FeBr_3

mechanism



共鳴 安定化



FeBr_3 , HBr