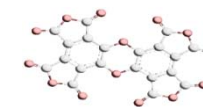
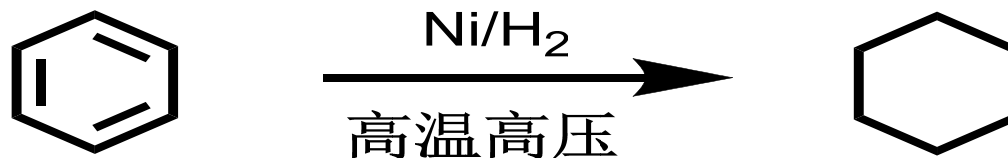




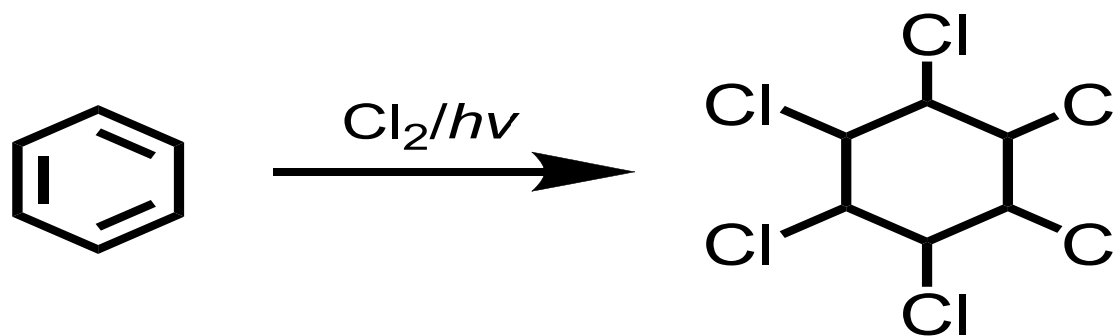
苯环的加成



(1) 加氢 (还原)

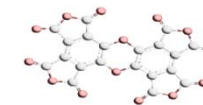


(2) 加氯

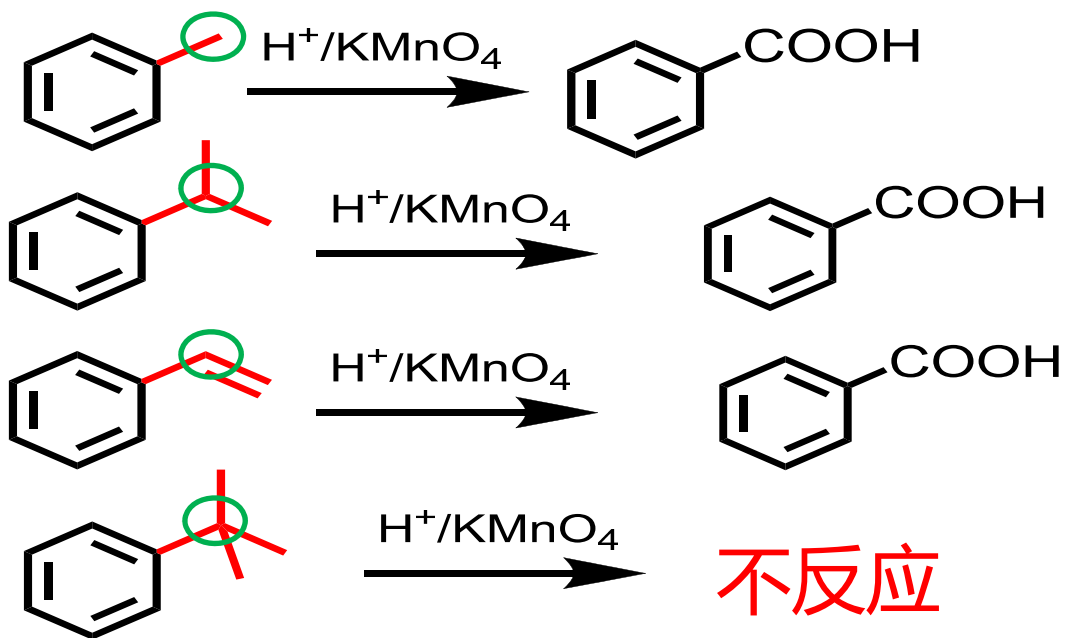




苯环的氧化

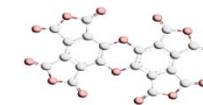


(1) 侧链的氧化

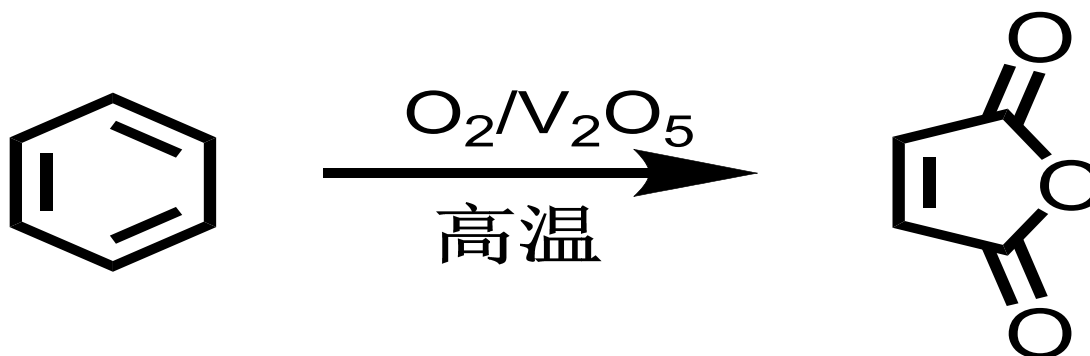




苯环的氧化

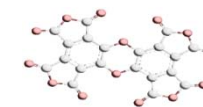


(2) 苯环自身的氧化

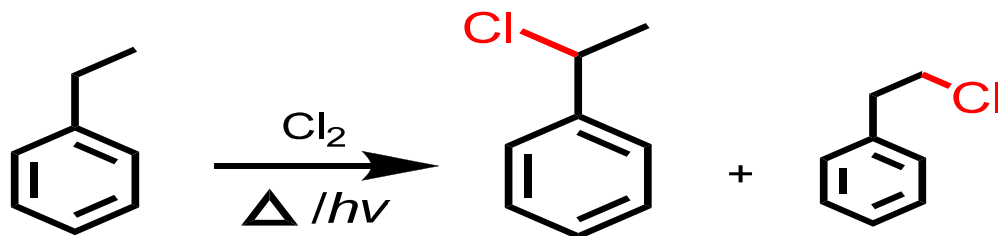
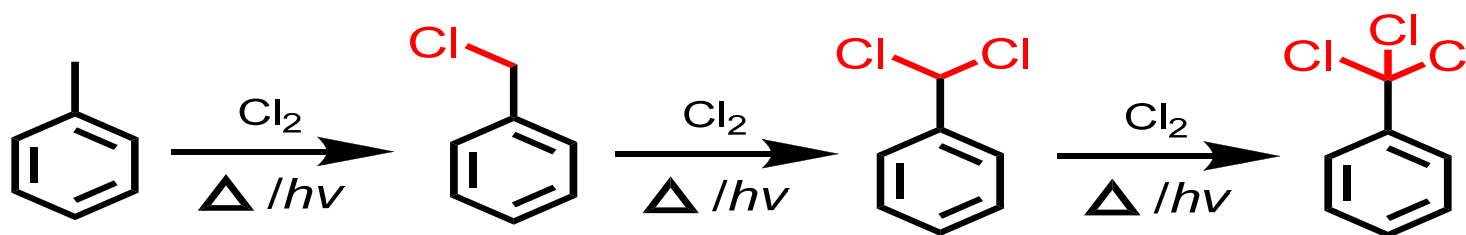




苯环侧链卤代



光照或高温下的卤代——自由基





小结

