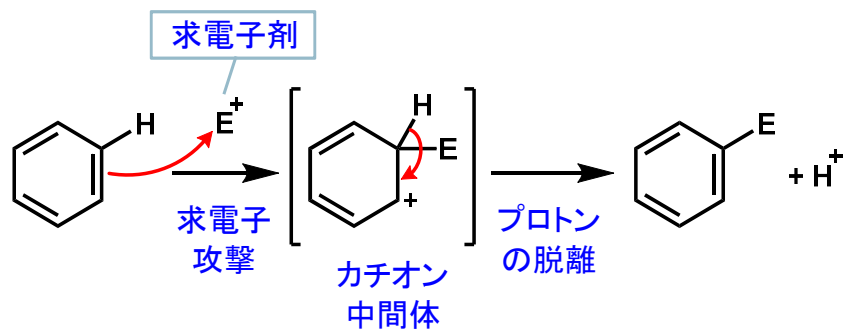
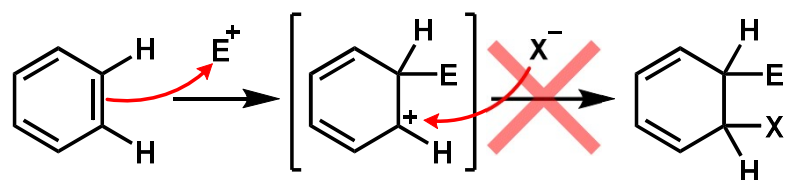


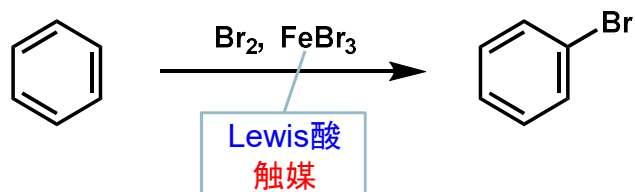
芳香族求電子置換反応



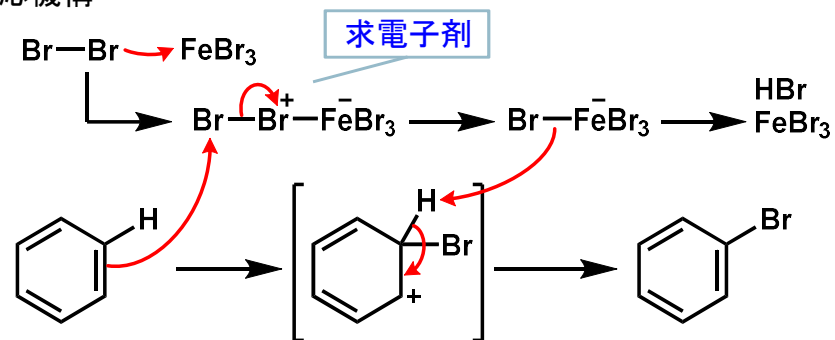
付加反応は起こらない



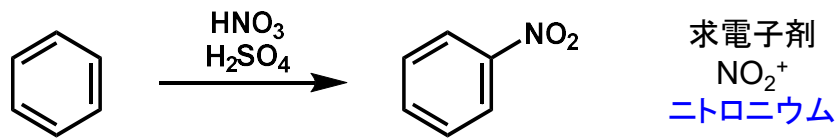
臭素化



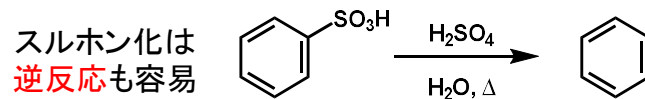
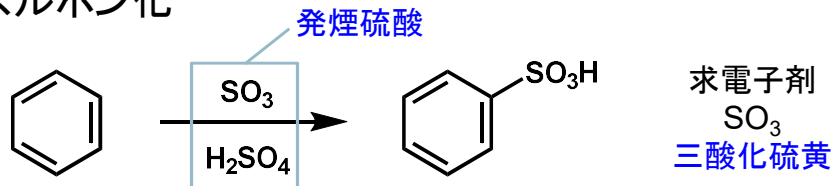
反応機構



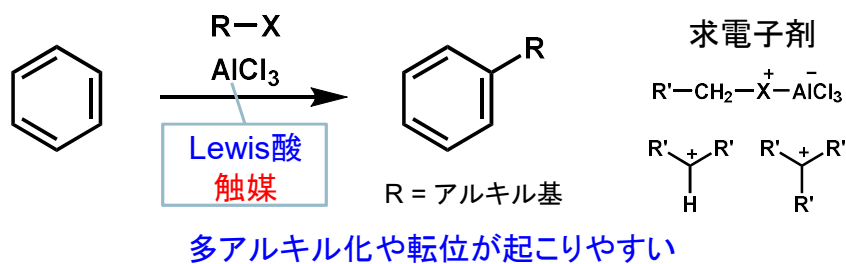
ニトロ化



スルホン化



Friedel-Craftsアルキル化



Friedel-Craftsアシル化

