

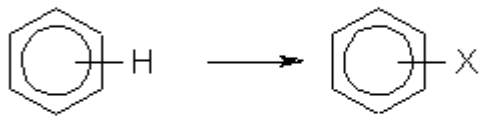
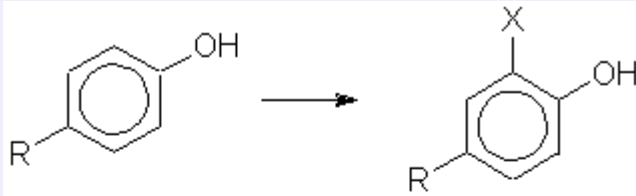


Beispiele für die aromatische Substitution:

Größenordnung: Von kg-Mengen bis zu einigen Tonnen

Examples for Aromatic Substitution:

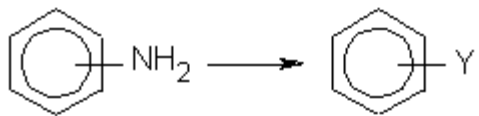
Production scale: from kg-quantities up to several tons



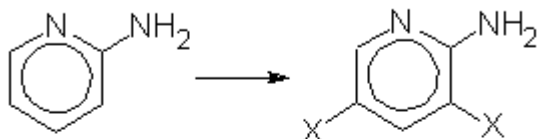
X = Br, Cl, SO₃H, NO₂, COR, NH₂, R



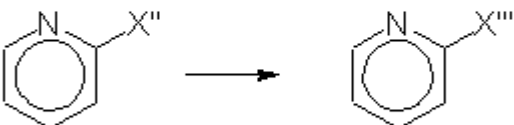
X = OMe, NR₂, CN, NHHN₂



Y = Br, Cl, F, OH, CN, H

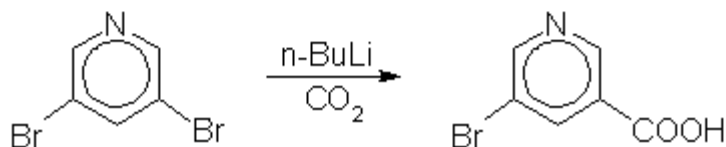


X = Cl, Br, I, NO₂, SO₃H



X'' = Cl, Br, OH

X''' = F, OR, NH₂, Cl, Br



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