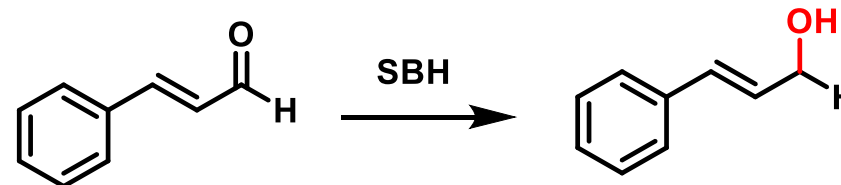
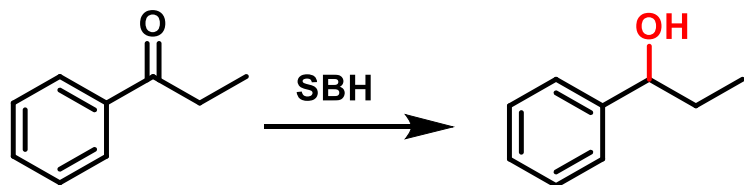
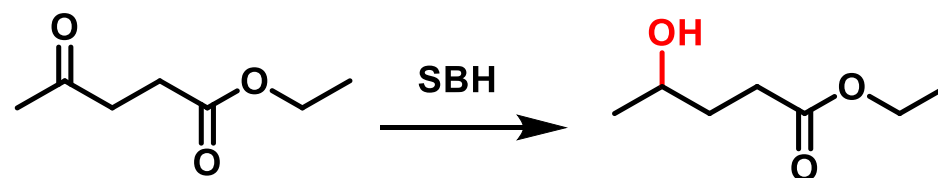
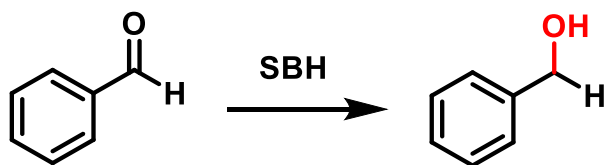
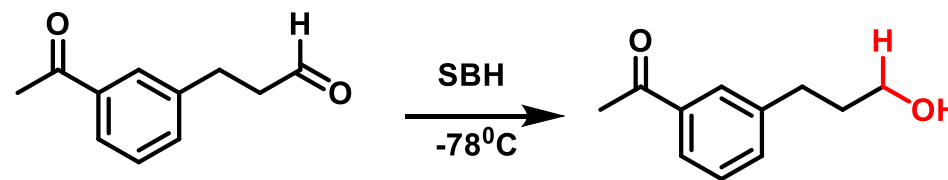
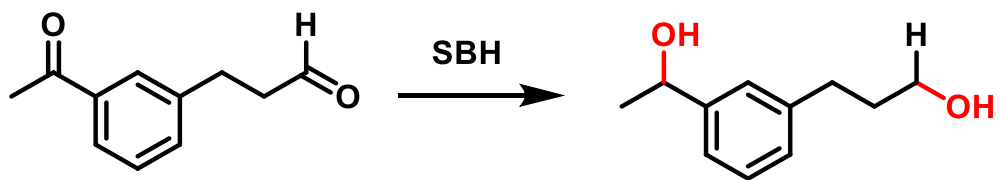
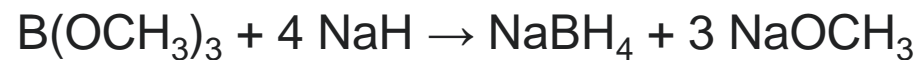
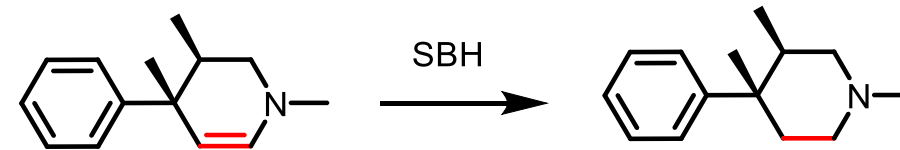
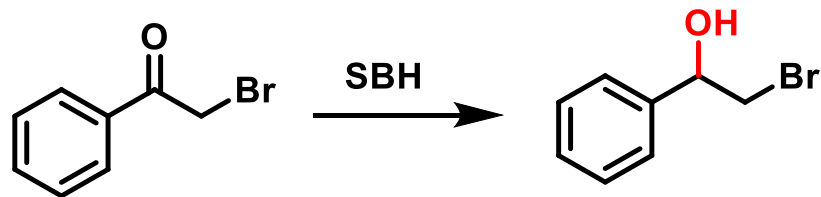
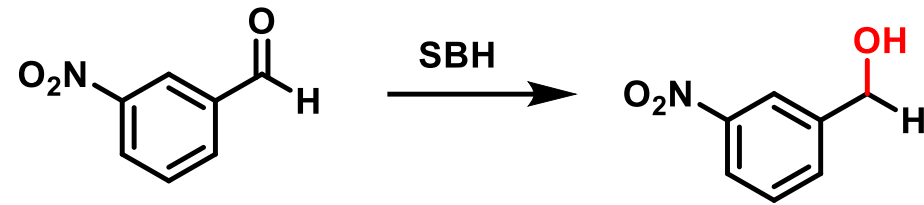
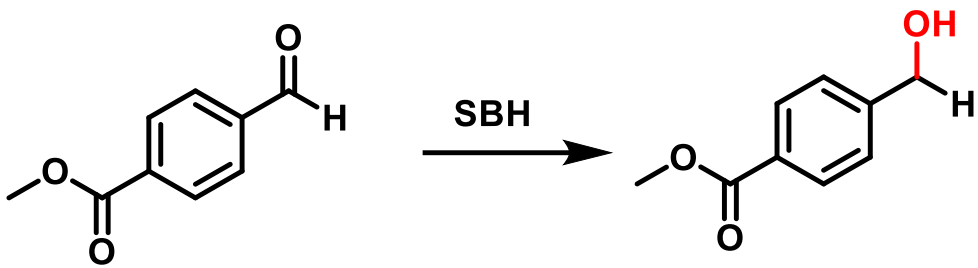
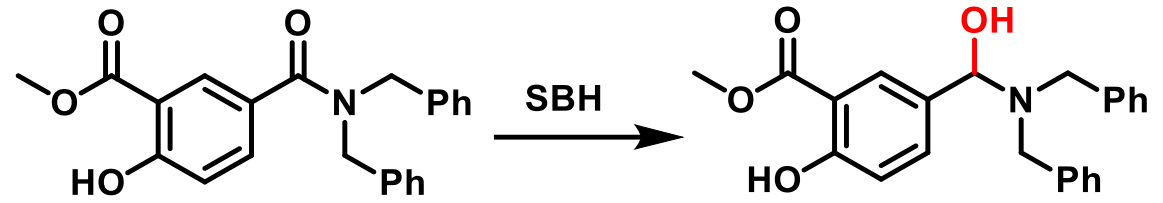
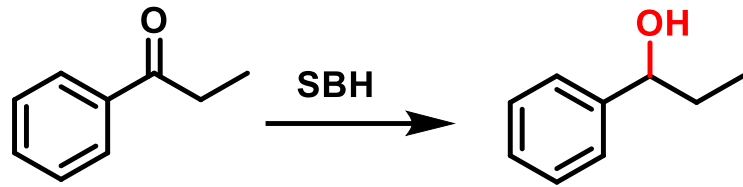


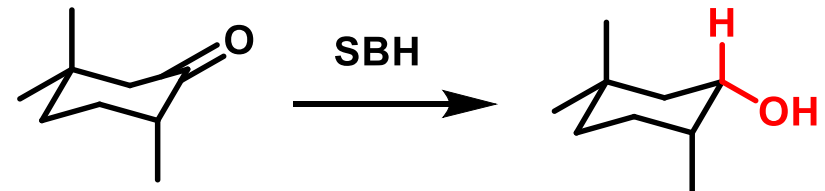
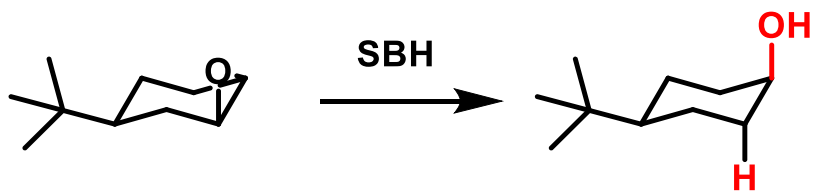
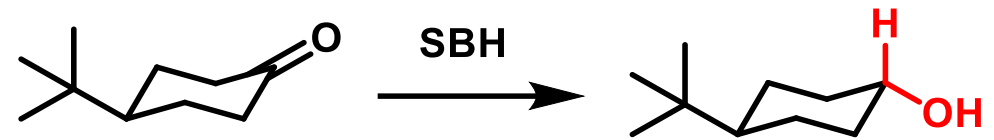
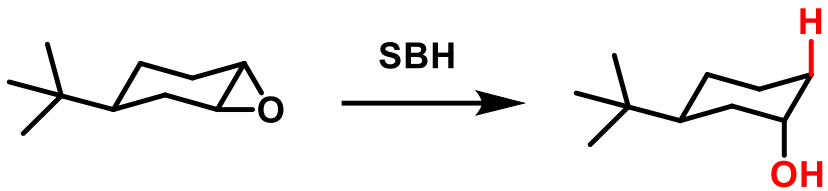
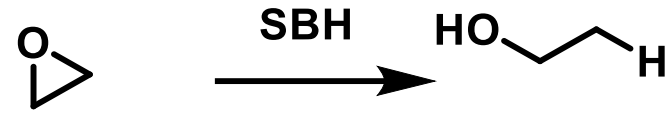
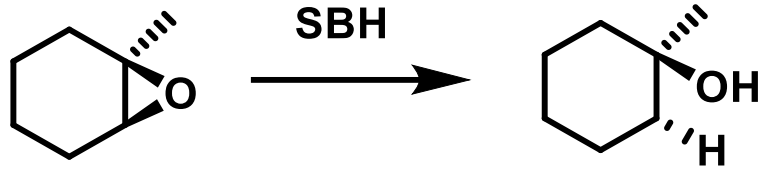
NaBH₄

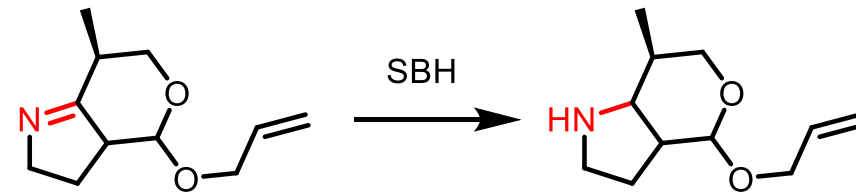
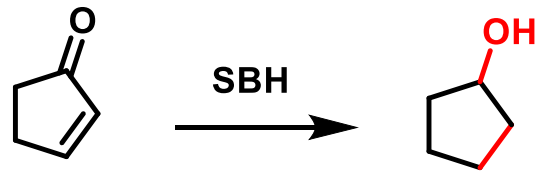
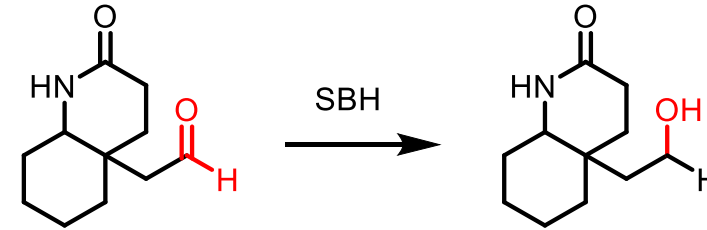
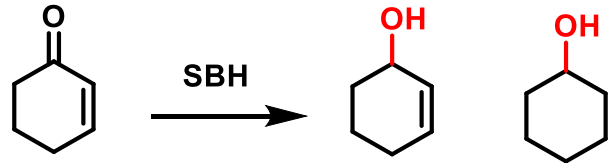
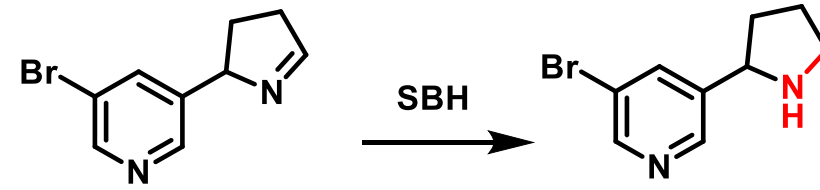
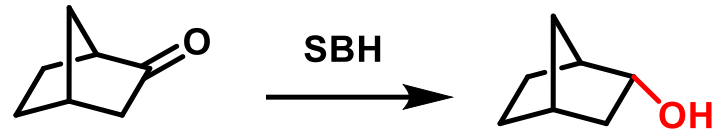


- NaBH_4 is an odorless white to gray-white microcrystalline powder that often forms lumps.
- NaBH_4 is soluble in protic solvents such as water and lower alcohols.
- It also reacts with these protic solvents to produce H_2 ; however, these reactions are fairly slow. Complete decomposition of a methanol solution requires nearly 90 min at 20 °C
- It decomposes in **neutral or acidic aqueous** solutions, but is stable at pH 1¹



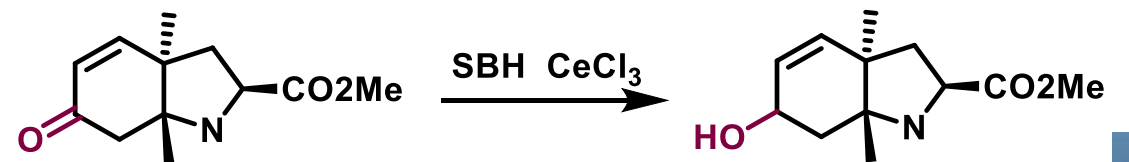
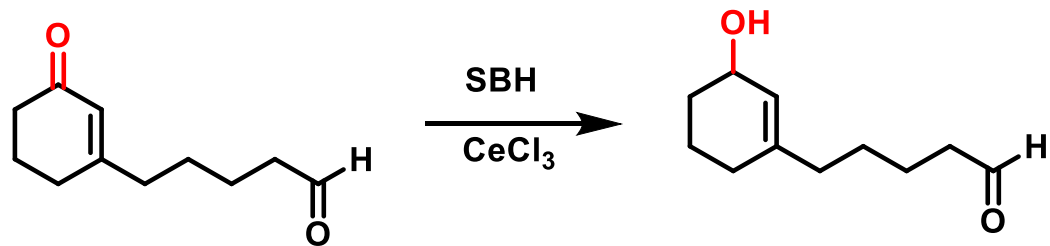
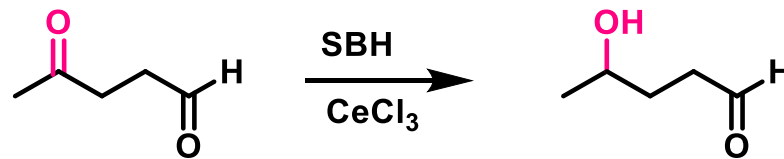
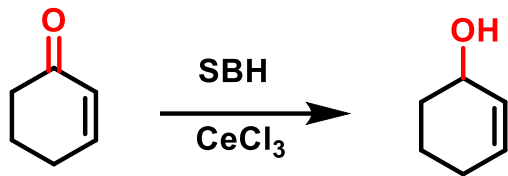
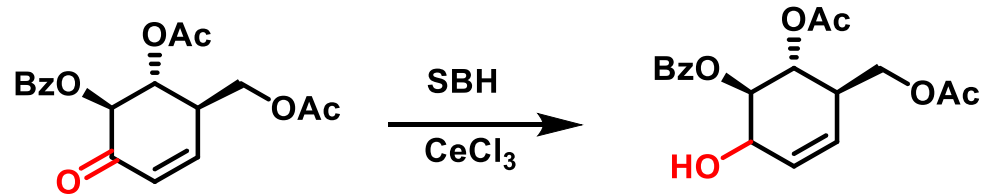
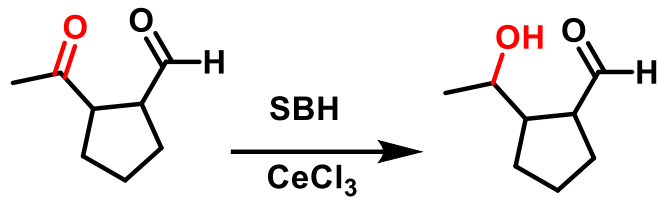


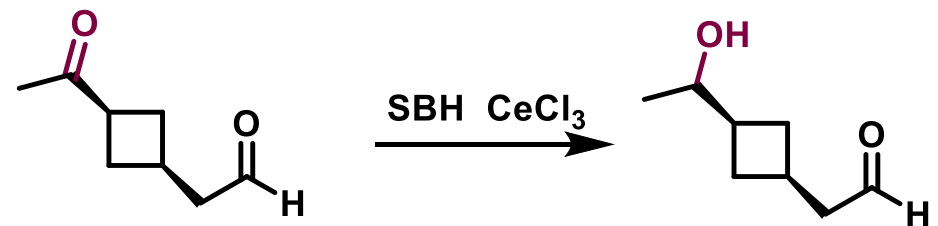
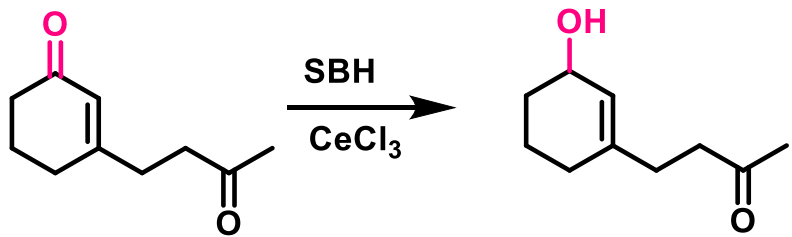
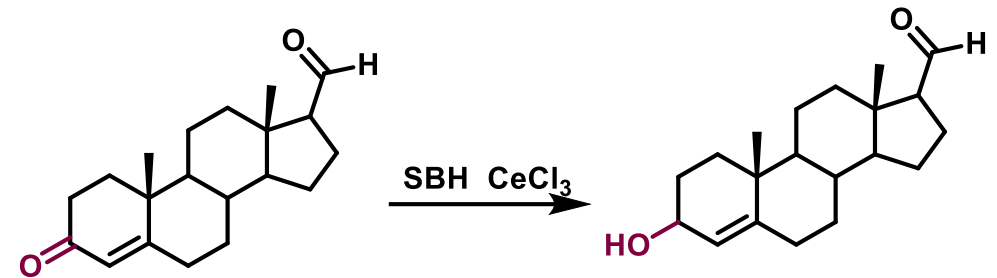
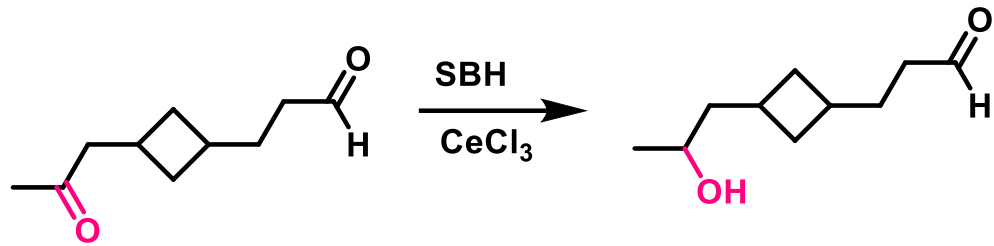
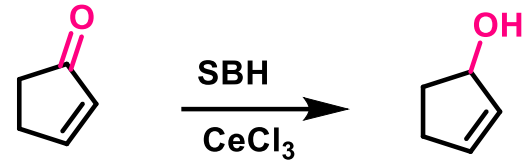
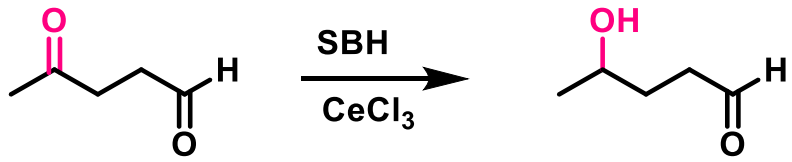


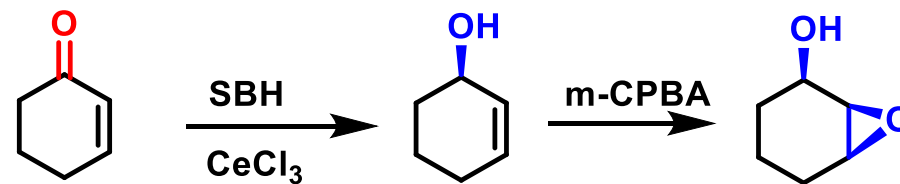
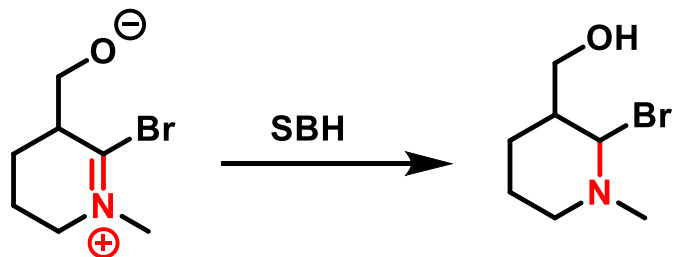
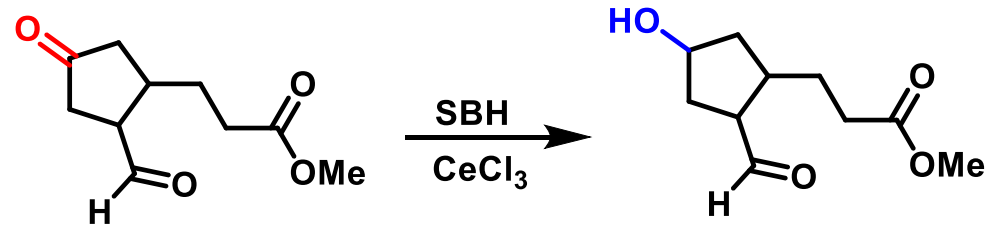
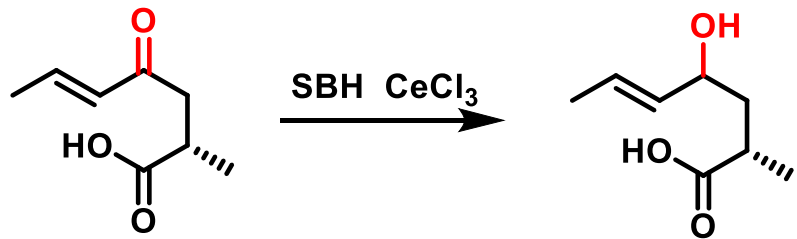
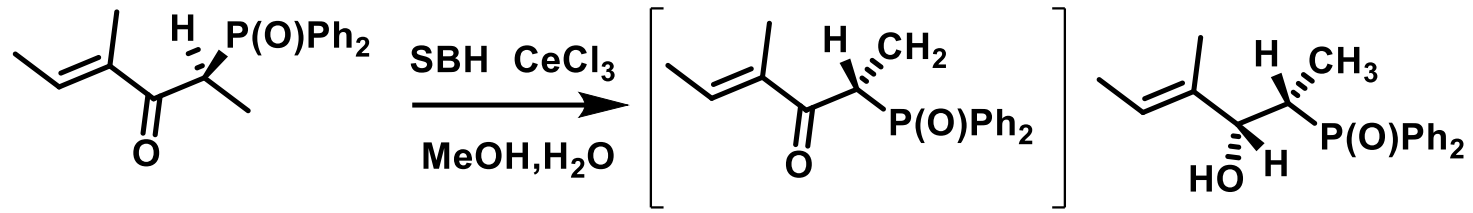




LUCHE REDUCTION







Stereochemistry of LUCHE reduction

