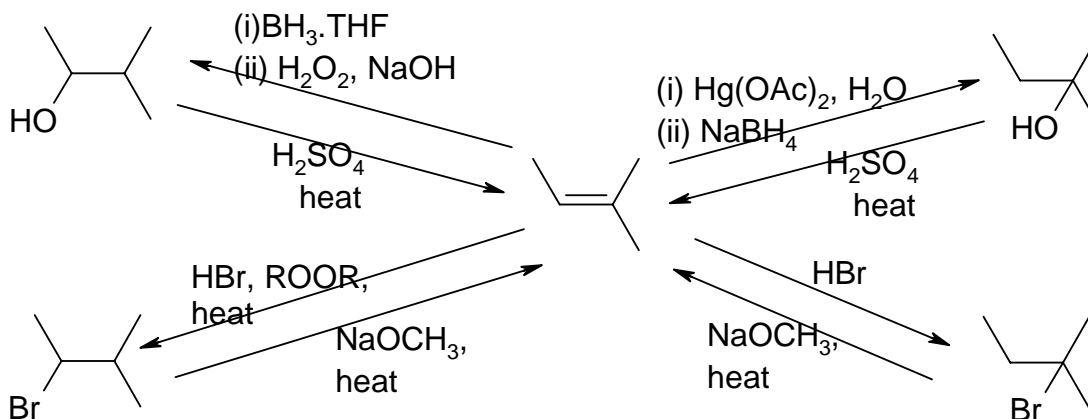
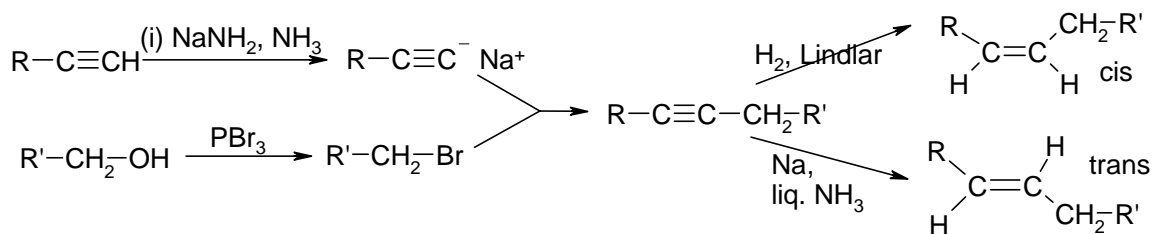


Some Standard Sequences in Synthesis (4S!)1. The Alkene Shuffle

Want to move a functional group from one carbon over to the neighboring carbon? Try this! Use Markovnikov's Rule to guide you.

2. Alkyne C-C Bond Construction

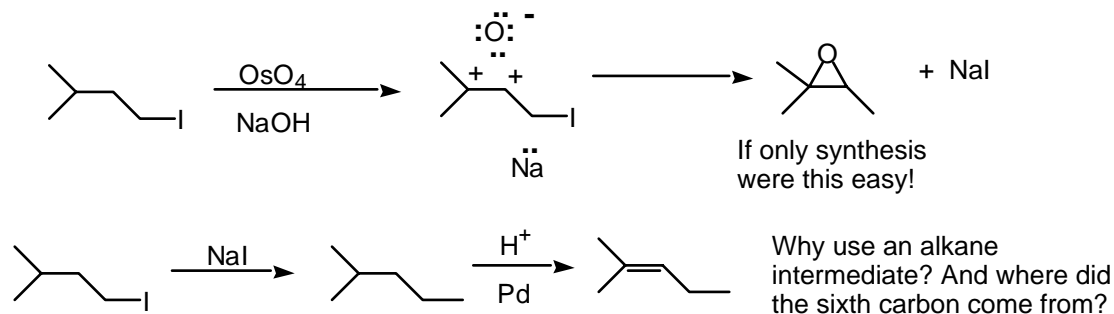
The ONLY way you have learnt so far for putting together the carbon skeleton. Once you have put the pieces (acetylide salt + alkyl halide) together, the resultant alkyne can be used to make all sorts of useful things.



ALSO REMEMBER:

- Work back from the product, not just forward from the starting materials.
- The Sixth Commandment: Thou shalt not create functionality at random places in an alkyl group, merely to satisfy the demands of a synthesis problem. The alkane is an abominable synthetic intermediate, and thou art an holy nation.

Some representative "sins:"



DON'T DO THIS!