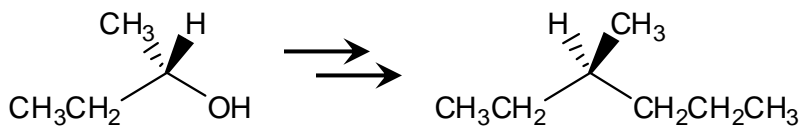
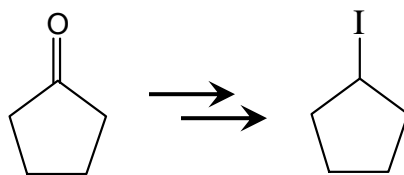


Workshop 26
Functional Group Interconversion with Tosylates

Although the syntheses below look simple—each just involves changing a functional group into a new one—they all require multiple steps, and tosylation is a useful method in each. Give a (multi-step) synthetic scheme that could be used to transform each starting material into product.



Hint: Use an alkynylsodium to provide the alkyl group.

