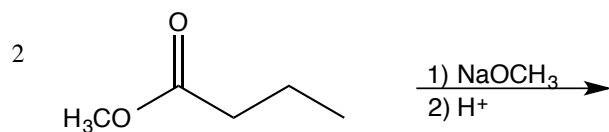
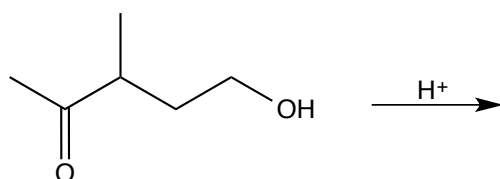


1) Provide the product(s) for the following reactions. Be sure to indicate stereochemistry where appropriate.

a)

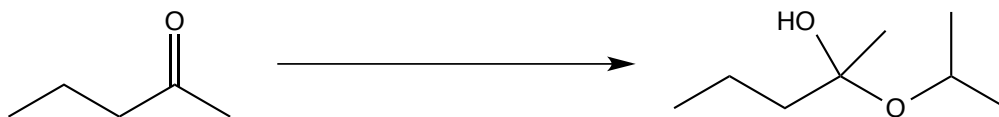


d)



2) Provide the reagent(s) needed to bring about the following transformations.

a)



b)

