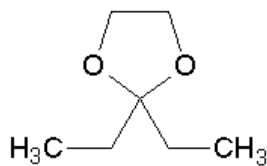
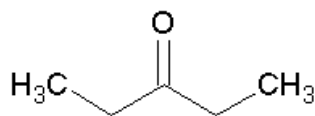


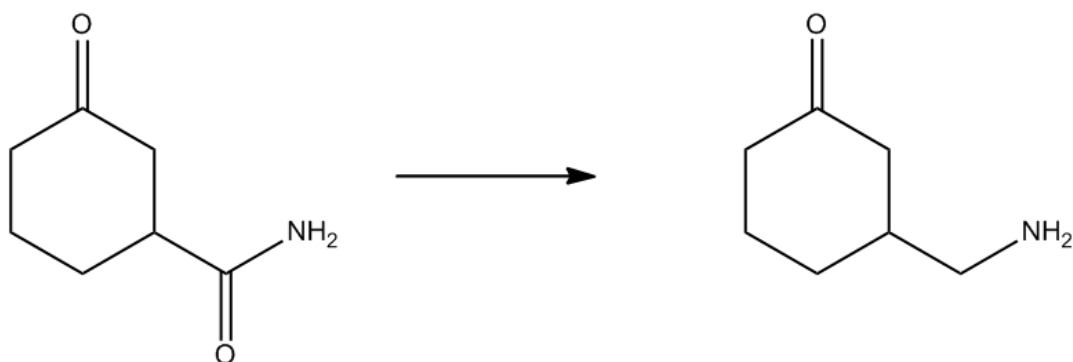
CONCEPT: ACETALS AS PROTECTING GROUPS

There is a huge difference in reactivity between a carbonyl and an acetal. Which do you think is more reactive?



Acetals are used to protect sensitive aldehydes and ketones from reaction with other reagents, since they are **reversible**.

EXAMPLE: Propose a reagent to perform the following transformation. More than one reagent *may* be required.



PRACTICE: Provide the chemical steps necessary for the following synthesis.



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