CONCEPT: EPOXIDE NOMENCLATURE

- ☐ Cyclic ethers are named as a unique functional group due to increased reactivity.
 - 3-membered ethers are called ______ or _____
- □ Cycloalkane Convention: Name the ring as a cycloalkane, adding the prefix _____ and location if necessary

3-methyl-1-oxacyclohexane

□ Epoxy Convention: Name as a di-located substituent on the longest carbon chain

2,3-epoxy-5-methylhexane

□ Oxide Convention: Name as an alkene, followed by the word _____

5-methyl-2-hexene oxide

 $\mbox{\bf PRACTICE:}$ Provide $\underline{\mbox{\bf ALL}}$ the names applicable for the following molecule



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