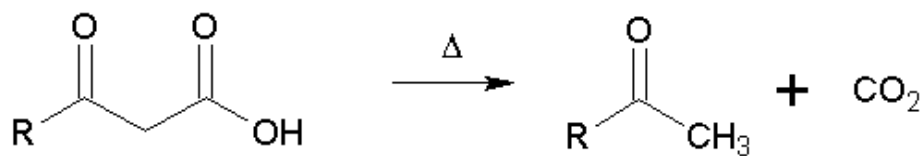


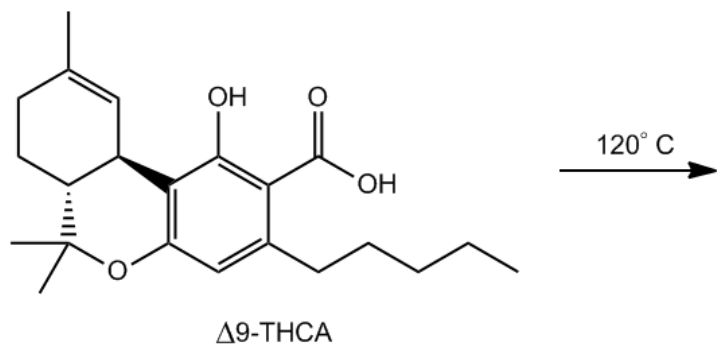
CONCEPT: DECARBOXYLATION

β -carbonyl carboxylic acids easily decarboxylate when heated, producing CO_2 gas.

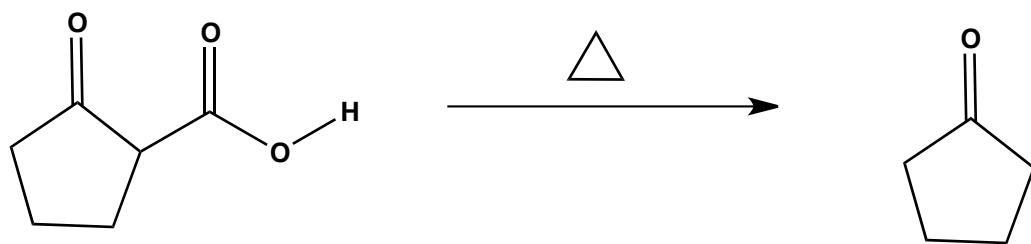


Mechanism:

EXAMPLE: Predict the correct structure for the final product.



PRACTICE: Provide the mechanism for the following reaction.



PRACTICE: Which carbonyl group will undergo decarboxylation most readily?

