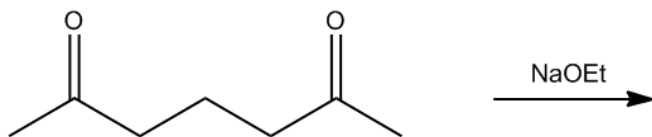


CONCEPT: INTRAMOLECULAR CONDENSATION

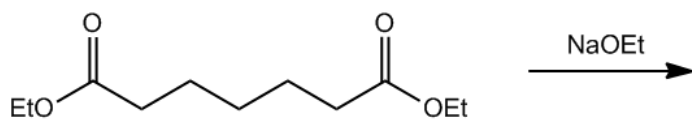
Dicarbonyl compounds have the ability to self-condensate through *cyclization* if it will generate a ____ or ____-membered ring.

- When a diketone or dialdehyde self-condensate, the resulting product is called a ***cyclic enone***



- When a diester self-condensates, the resulting product is called a ***cyclic β -ketoester***

□ This is known as a ***Dieckmann Condensation***



PRACTICE: Consider the following reaction. Provide a stepwise mechanism to explain the given transformation.

