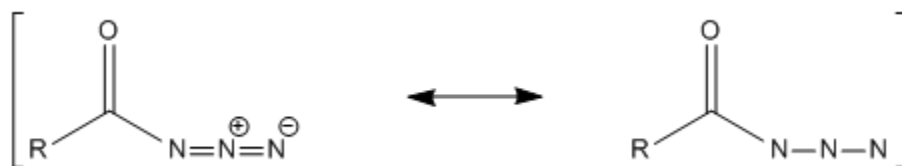


CONCEPT: CURTIUS REARRANGEMENT

Also known as *Reduction of Acyl Azides*, it is the result of the thermal formation of a reactive intermediate called a **nitrene**.

- Heat drives the rearrangement of the acyl group to a molecule called an isocyanate
- Addition of _____ results in a decarboxylation reaction that liberates _____ and _____

General Mechanism:



EXAMPLE: Propose a synthesis for the following compound.

