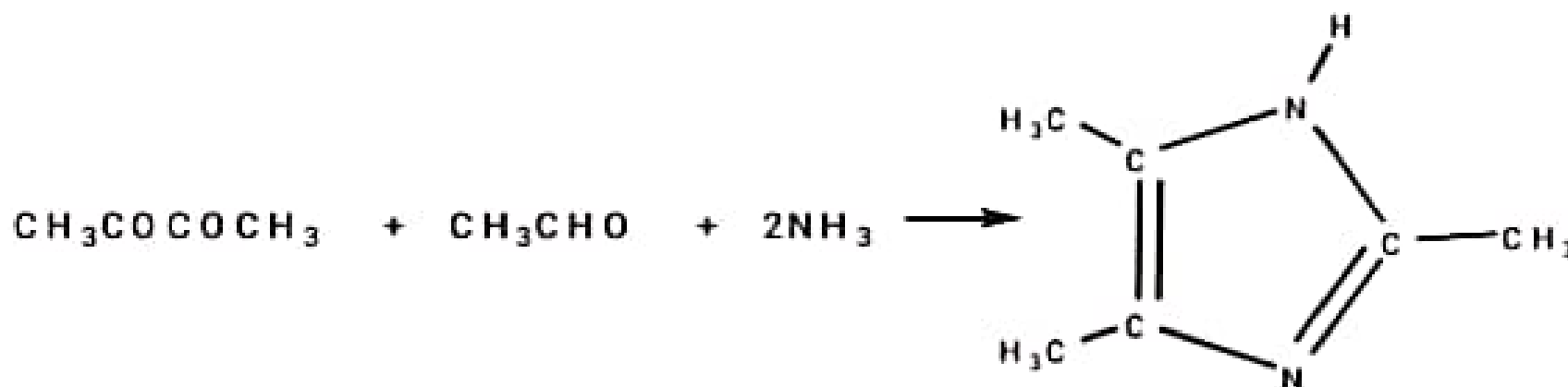


α or 1,2- Diketones: **Properties and Reactions**

4. Condensation with Ammonia and Aldehyde

- They also undergo condensation reaction with ammonia and α -aldehyde to form glyoxalines.



- **Propose a mechanism for this reaction**

α or 1,2- Diketones: Properties and Reactions

6. Oxidation: they are oxidized by alkaline H_2O_2 or HIO_4 to yield 2 moles of carboxylic acid



β or 1,3-Diketones: Properties and Reactions

Hydrolysis with Alkali (Contd.)

