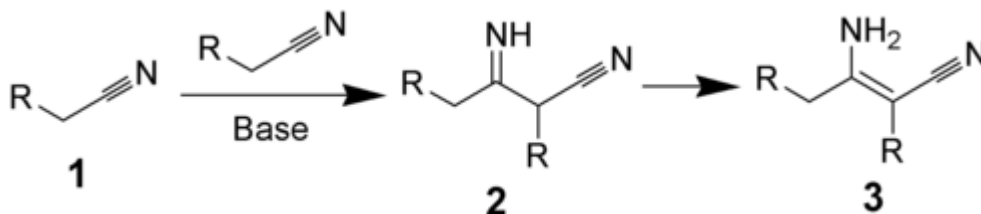


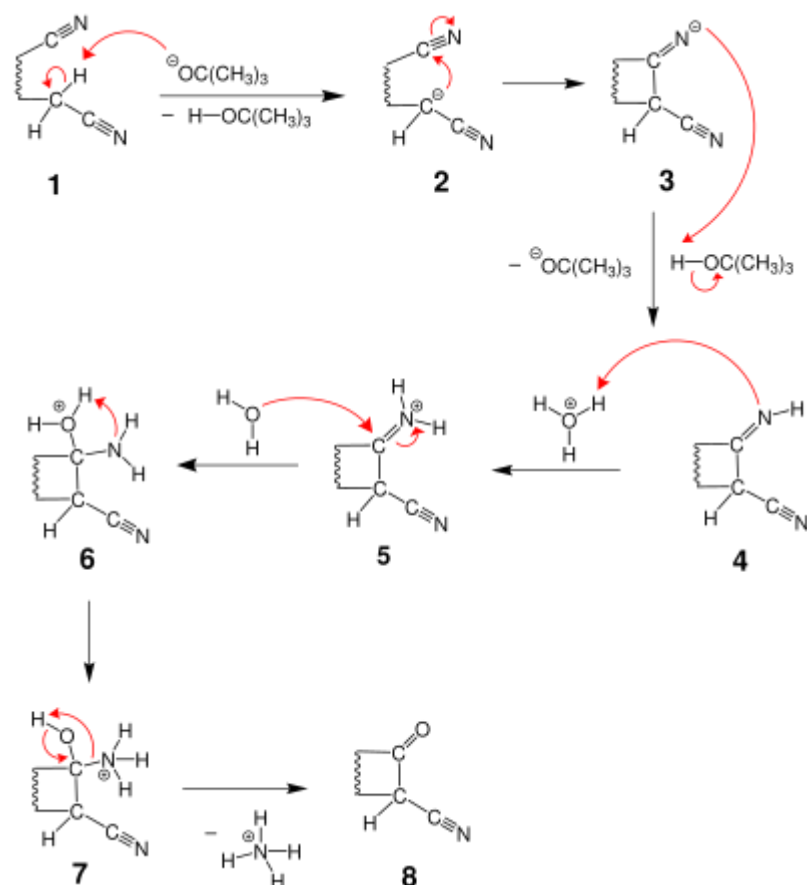
Thorpe reaction

The **Thorpe reaction** is a chemical reaction described as a self-condensation of aliphatic nitriles catalyzed by base to form enamines.^{[1][2][3]} The reaction was discovered by Jocelyn Field Thorpe.



Thorpe–Ziegler reaction

The **Thorpe–Ziegler reaction** (named after Jocelyn Field Thorpe and Karl Ziegler), or **Ziegler method**, is the intramolecular modification with a dinitrile as a reactant and a cyclic ketone as the final reaction product after acidic hydrolysis. The reaction is conceptually related to the Dieckmann condensation.^[3]



The reaction mechanism of the Thorpe–Ziegler reaction

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External links

- Thorpe-Ziegler reaction: *4-Phosphorinanone, 1-phenyl-* *Organic Syntheses*, Coll. Vol. 6, p. 932 (1988); Vol. 53, p. 98 (1973) [Link \(http://www.orgsyn.org/orgsyn/pdfs/CV6P0932.pdf\)](http://www.orgsyn.org/orgsyn/pdfs/CV6P0932.pdf)
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