

# Cyclisierungen über Enamin-Zwischenstufen bei Amindehydrierungen

Cyclizations *via* Enamine Intermediates with Amine Dehydrogenations

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Carbinolamine, Iminium Salt, Intramolecular Aminomethylation, Push Pull Effect

The mercury-edta dehydrogenation of the 4'-aminosubstituted-acetophenones **1**, **8a** and **9a** produced the ring cleavaged derivatives **7**, **11a** and **12a**, while the piperidine and its derivatives **10a** - **10e** gave rise to tetracyclic compounds **16a** - **16e** and to methylenedi-enamines **19a** - **19d**, the additionally C-1-fragment in **19a** - **19d** probably coming from mercury edta. With addition of m-nitrobenzaldehyde to the mercury-edta dehydrogenation of substituted phenylpiperidines another route only generated the di-enamines **22**.

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