

**B.Sc. Semester-VI
Organic Chemistry
Paper-XIV**

3. Heterocyclic Compounds

Special Coverage:

10. Fischer Indole Synthesis : Mechanism and Examples

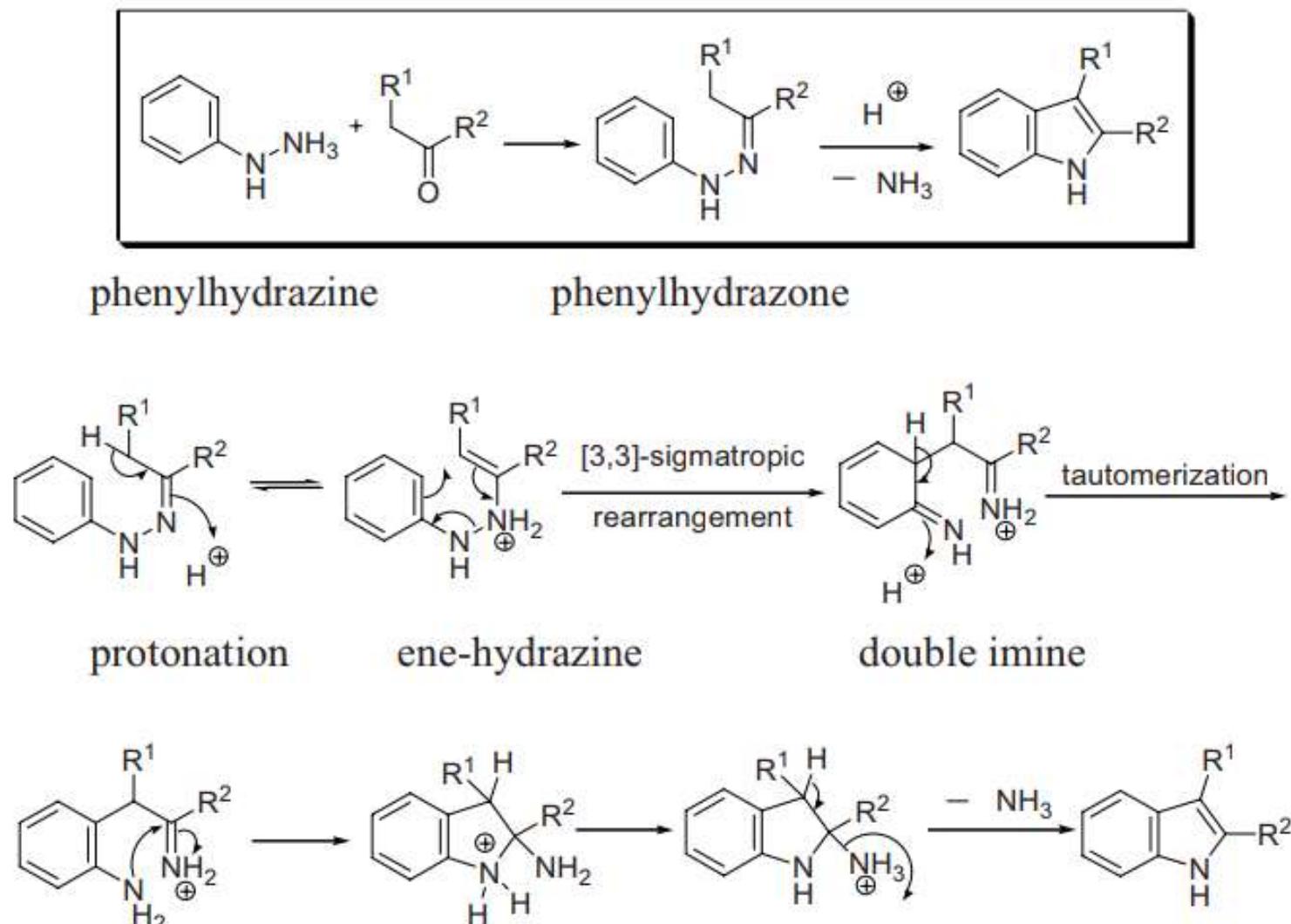


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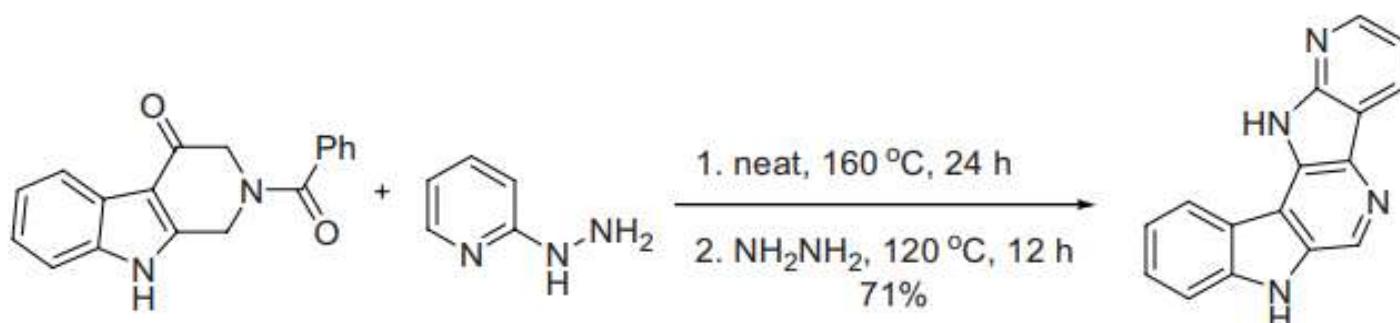
Fischer Indole Synthesis : Mechanism and Examples

Mechanism

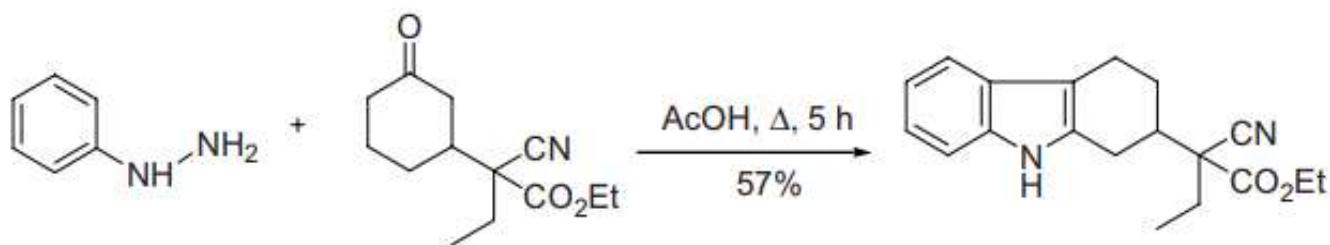
Cyclization of arylhydrazones to indoles.



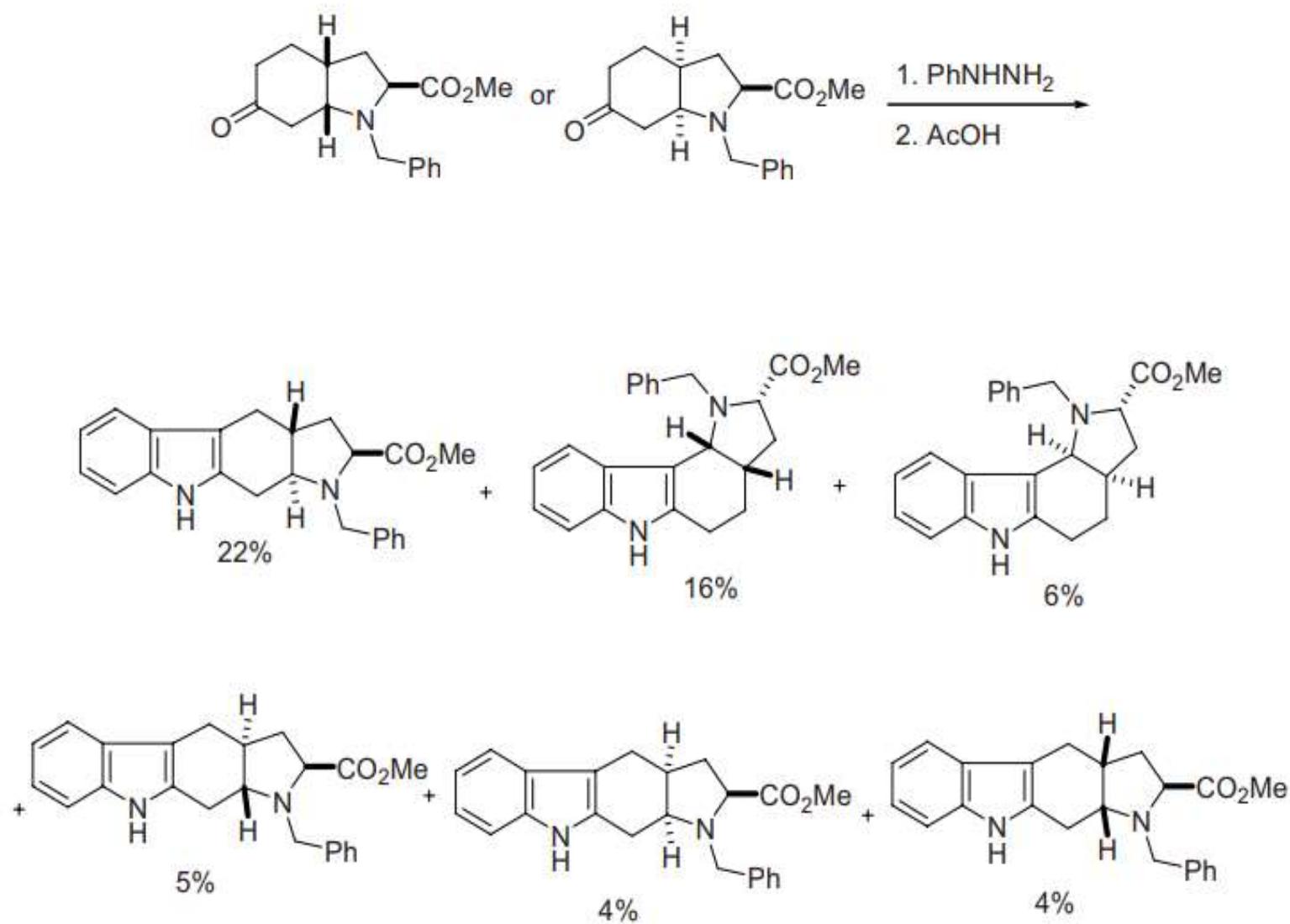
Example 1³



Example 2¹³



Example 4 (Severe racemization)⁹



References

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THANK YOU