M.Sc. Semester-IV
Core Course-9 (CC-9)
Synthetic Organic Chemistry

III. Photochemistry

22. Barton Nitrite Photolysis Reaction :Mechanism and Examples

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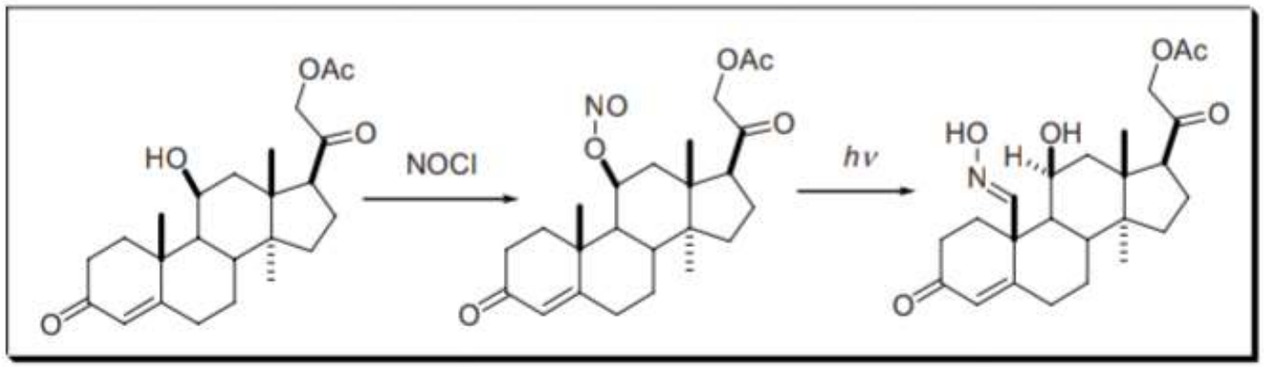
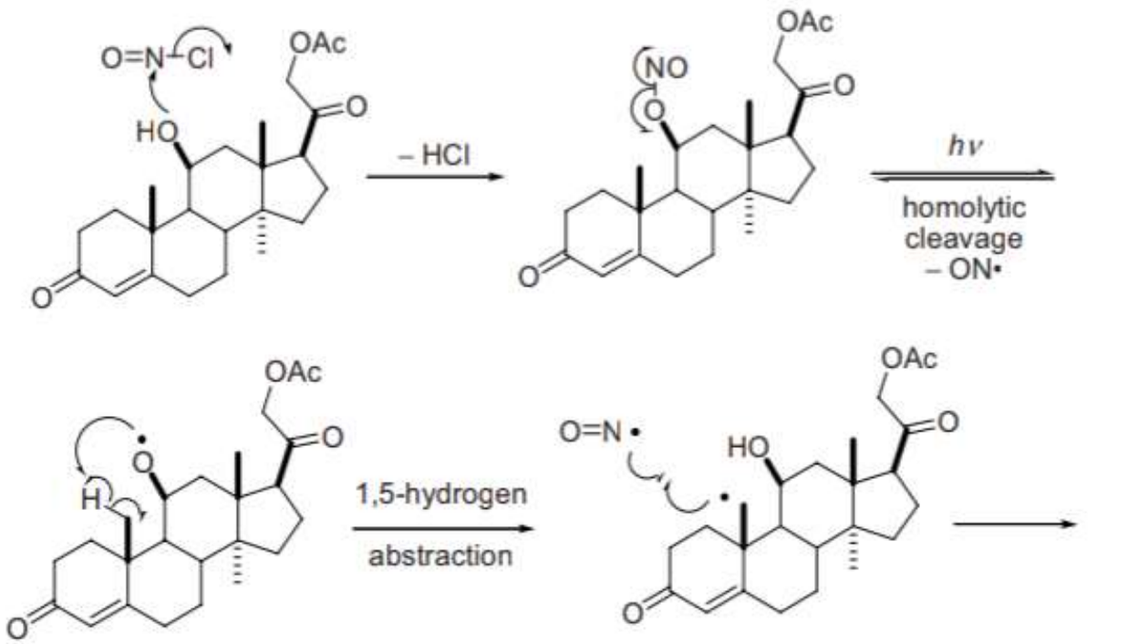
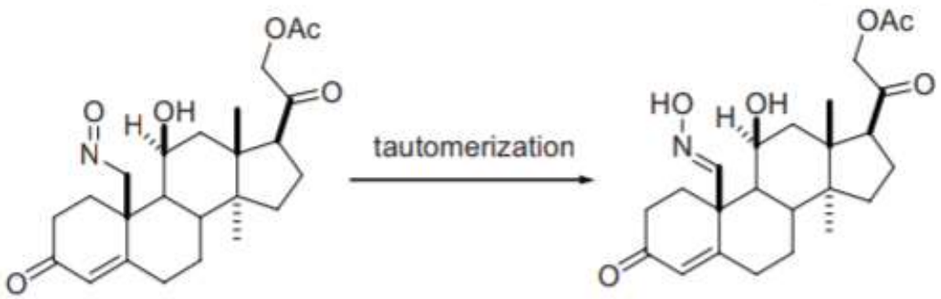
Barton nitrite photolysis

Photolysis of a nitrite ester to a γ-oximino alcohol.





Nitric oxide radical is a stable and therefore, long-lived radical



nitroso intermediate

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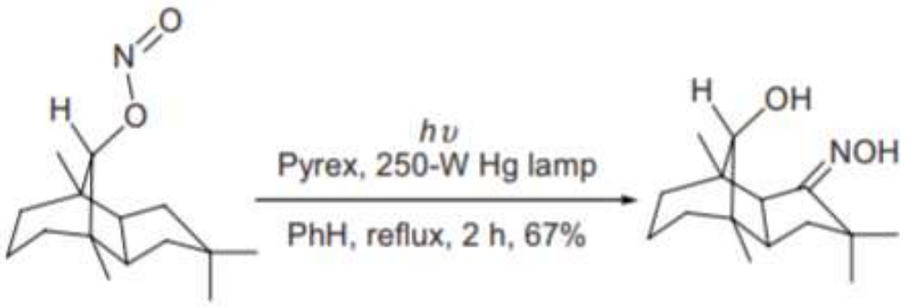
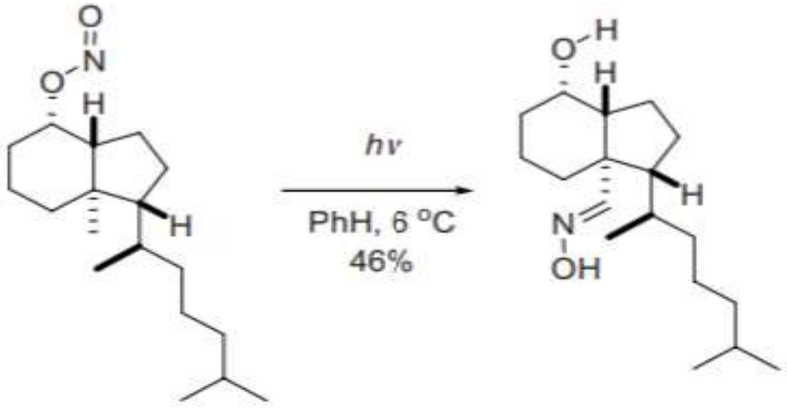
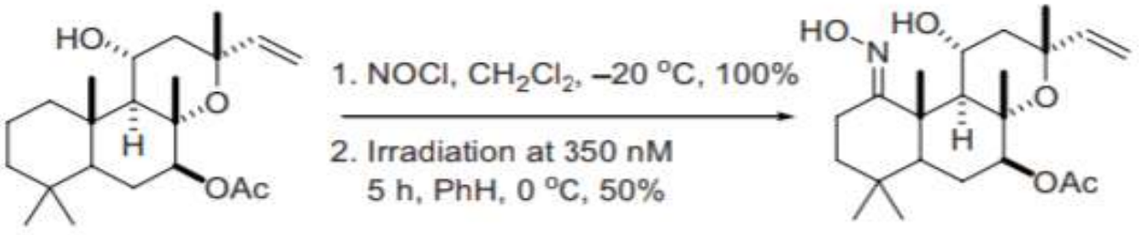
Example 1[2]



Example 2[6]



Example 3[7]



References

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