

CHAPTER OVERVIEW

19: Aldehydes and Ketones—Nucleophilic Addition

Topic hierarchy

- 19.1: The Wittig Reaction
- 19.2: Addition of 1° Amines
- 19.3: Addition of 2° Amines
- 19.4: Addition of H_2O —Hydration
- 19.5: Addition of Alcohols—Acetal Formation
- 19.6: Acetals as Protecting Groups
- 19.7: Cyclic Hemiacetals
- 19.8: An Introduction to Carbohydrates
- 19.9: Introduction
- 19.10: Nomenclature
- 19.11: Physical Properties
- 19.12: Spectroscopic Properties
- 19.13: Interesting Aldehydes and Ketones
- 19.14: Preparation of Aldehydes and Ketones
- 19.15: Reactions of Aldehydes and Ketones—General Considerations
- 19.16: Nucleophilic Addition of H^- and R^- —A Review
- 19.17: Nucleophilic Addition of $-\text{CN}$

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