

TABLE OF CONTENTS

Licensing

1: Synthesis of Organic Molecules

2: Rules and Guidelines Governing Organic Synthesis

- 2.1: Baldwin's Rule for Ring Closure Reactions
- 2.2: Bredt's Rule
- 2.3: Cram's Rule and Prelog's Rule
- 2.4: Hofmann's Rule and Zaitsev's Rule
- 2.5: Markovnikov Rule

3: Criteria for Selection of the Synthetic Route

4: The Logic of Synthesis

5: Strategies in Disparlure Synthesis

6: Strategies in (-)-Menthol Synthesis

7: Strategies in Longifolene Synthesis

8: Strategies in Cedrene Synthesis

9: Strategies in Reserpine Synthesis

10: Strategies in Prostaglandins Synthesis

11: Strategies in Steroids Synthesis

12: Woodward's Synthesis of Chlorophyll

13: Synthesis of Vitamin B₁₂

14: Green Chemistry - Protection-Free Organic Synthesis

Index

Index

Glossary

