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One-Atom Synthon Supplies C2; 1.2.2 By Using a Two-Atom and a Four-Atom Synthon; 1.2.2.1 Where the Two-Atom Synthon Supplies N1 + C2; 1.2.2.2 Where the Two-Atom Synthon Supplies C2 + C3; 1.2.3 By Using Two Three-Atom Synthons; 1.2.3.1 Where Identical Synthons Provide N1 + C2 + C3 and N4 + C5 + C6; 1.2.3.2 Where Different Synthons Provide N1 + C2 + C3 and N4 + C5 + C6; 1.2.3.3 Where the Synthons Provide N1 + C2 + C6 and C3 + N4 + C5; 1.3 From Three Synthons; 1.4 From Four or More Synthons; 1.4.1 Where Synthons Provide N1, C2 + C3, N4, C5 + C6; 1.4.2 Where Synthons Provide N1 + C2, C3 + N4, C5, C6; 1.4.3 Where Synthons Provide N1 + C2, C3, N4 + C5, C6; 1.5 Appendix: Glance Index to Typical Pyrazine Derivatives Available from Aliphatic or Carbocyclic Synthons

CHAPTER 2 PRIMARY SYNTHESSES FROM OTHER HETEROCYCLIC SYSTEMS

2.1 Pyrazines from Other Heteromonocyclic Systems; 2.1.1 Azepines as Substrates; 2.1.2 Azetes as Substrates; 2.1.3 Azirines as Substrates; 2.1.4 Azocines as Substrates; 2.1.5 1,2-Diazepines as Substrates; 2.1.6 1,4-Diazepines as Substrates; 2.1.7 Furans as Substrates; 2.1.8 Imidazoles as Substrates; 2.1.9 Isoxazoles as Substrates; 2.1.10 Oxazoles as Substrates; 2.1.11 Oxirenes as Substrates; 2.1.12 Pyridazines as Substrates; 2.1.13 Pyridines as Substrates; 2.1.14 Pyrroles as Substrates; 2.1.15 1,2,5-Selenadiazoles as Substrates; 2.1.16 1,2,5-Thiadiazoles as Substrates; 2.1.17 Thiirenes as Substrates;

2.2 Pyrazines from Heterobicyclic Systems; 2.2.1 1, 2-Diazabicyclo[2.2.0]hexanes as Substrates; 2.2.2 2,4,-Diazabicyclo[3.1.0]hexanes as Substrates; 2.2.3 2,3-Dioxo-5,7-diazabicyclo[2.2.2]octanes as Substrates; 2.2.4 Furo[2,3-b]pyrazines as Substrates; 2.2.5 Imidazo[1,2-a]pyrazines as Substrates; 2.2.6 Indoles as Substrates; 2.2.7 Isoxazolo[2,3-a]pyrazines as Substrates; 2.2.8 Isoxazolo[4,5-b]pyrazines as Substrates; 2.2.9 Pteridines as Substrates; 2.2.10 Pyrazino[2,3-d][1,3]oxazines as Substrates; 2.2.11 Pyrazino[2,3-e][1,3,4]thiadiazines as Substrates

## Sommario/riassunto

This book serves as a supplement to The Pyrazines, Volume 41 of the Chemistry of Heterocyclic Compounds series. It covers the literature published between 1979 and 2000, and-together with Volume 41-provides a complete, up-to-date reference for heterocyclic chemists. It emphasizes practical approaches to pyrazine chemistry, offers a full appendix of all simple pyrazines up to 2000, and features detailed coverage of the following topics: Systematic descriptions of all primary synthetic routes to pyrazines Other preparative routes to alkylpyrazines and their reaction