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Nota di contenuto	QUINOXALINES Supplement II; Preface; Contents; CHAPTER 1 PRIMARY SYNTHESSES; 1.1 From a Single Benzene Substrate; 1.1.1 By Formation of the N1,C8a Bond; 1.1.2 By Formation of the N1,C2 Bond; 1.1.2.1 Cyclization of o-(Ethylamino)aniline Derivatives; 1.1.2.2 Direct Cyclization of o-(Ethylamino)nitrobenzene Derivatives; 1.1.2.3 Reductive Cyclization of o-(Ethylamino)nitrobenzene Derivatives; 1.1.3 By Formation of the C2,C3 Bond; 1.2 From a Benzene Substrate with an Ancillary Synthon; 1.2.1 When the Synthon Supplies N1 of the Quinoxaline; 1.2.2 When the Synthon Supplies C2 of the Quinoxaline 1.2.3 When the Synthon Supplies C2 + C3 of the Quinoxaline1.2.3.1 Using a Dialdehyde (Glyoxal) or Related Synthon; 1.2.3.2 Using an Aldehydo Ketone or Related Synthon; 1.2.3.3 Using an Aldehydo Acid or Related Synthon; 1.2.3.4 Using an Aldehydo Ester or Related Synthon; 1.2.3.5 Using an Aldehydo Amide, Nitrile, Acyl Halide, or

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Sommario/riassunto

This volume in the Chemistry of Heterocyclic Compounds series presents a comprehensive review of the quinoxaline literature from 1975 to the present (2002), updating Volumes 5 and 35. It provides an alphabetical table of known simple quinoxalines, including new compounds discussed in this volume and their physical data, as well as the pyrazines from the original volumes. Biological activities, spectral or other physical studies, and other such materials appear at appropriate points in the text. The in-depth coverage includes synthesis, reactions, spectroscopic, and physical properties for each