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Nota di contenuto	CINNOLINES AND PHTHALAZINES Supplement II; Preface; Contents; CHAPTER 1 PRIMARY SYNTHESES OF CINNOLINES; 1.1 From a Single Carbocyclic Substrate; 1.1.1 By Formation of the N1-C8a Bond; 1.1.2 By Formation of the N1-N2 Bond; 1.1.3 By Formation of the N2-C3 Bond; 1.1.4 By Formation of the C3-C4 Bond; 1.1.5 By Formation of the C4-C4a Bond; 1.2 From a Carbocyclic Substrate and One Synthon; 1.2.1 When the Synthon Supplies N2 of the Cinnoline; 1.2.2 When the Synthon Supplies N1 + N2 of the Cinnoline; 1.2.3 When the Synthon Supplies N2 + C3 of the Cinnoline 1.2.4 When the Synthon Supplies C3 + C4 of the Cinnoline1.2.5 When the Synthon Supplies N1 + N2 + C3 + C4 of the Cinnoline; 1.3 From a Pyridazine Substrate; 1.4 From Other Heteromonocyclic Substrates; 1.5 From Heterobicyclic Substrates; 1.6 From Heteropolycyclic Substrates; 1.7 Glance Index to Typical Cinnolines Derivatives Available by Primary Syntheses; CHAPTER 2 CINNOLINE, ALKYLCINNOLINES, AND ARYLCINNOLINES; 2.1 Cinnoline; 2.1.1 Preparation of Cinnoline and Hydrocinnolines; 2.1.2 Physical Properties of Cinnoline; 2.1.3 Reactions of Cinnoline; 2.2 Alkyl- and Arylcinnolines 2.2.1 Preparation of Alkyl- and Arylcinnolines2.2.2 Reactions of Alkyl- and Arylcinnolines; CHAPTER 3 HALOGENOCINNOLINES; 3.1 Preparation of Halogenocinnolines; 3.2 Reactions of Halogenocinnolines; CHAPTER 4 OXYCINNOLINES; 4.1 Tautomeric Cinnolinones; 4.1.1 Preparation of Tautomeric Cinnolinones; 4.1.2 Reactions of Tautomeric Cinnolinones; 4.1.2.1 Alkylation of Tautomeric Cinnolinones; 4.1.2.2 Other Reactions of Tautomeric Cinnolinones; 4.2 Other Oxycinnolines; CHAPTER 5 THIOCINNOLINES; 5.1 Cinnolinethiones; 5.2 Other Thiocinnolines; CHAPTER 6 NITRO-, AMINO-, AND RELATED CINNOLINES 6.1 Nitrocinnolines6.2 Aminocinnolines and Related Compounds; 6.2.1 Preparation of Amino-, Hydrazino-, and Arylazocinnolines; 6.2.2 Reactions of Amino- and Hydrazinocinnolines; CHAPTER 7 CINNOLINECARBOXYLIC ACIDS AND RELATED DERIVATIVES; 7.1 Cinnolinecarboxylic Acids; 7.1.1 Preparation of Cinnolinecarboxylic Acids; 7.1.2 Reactions of Cinnolinecarboxylic Acids; 7.2 Cinnolinecarboxylic Esters; 7.3 Cinnolinecarboxamides and Cinnolinecarbohydrazides; 7.4 Cinnolinecarbonitriles; 7.5 Cinnoline Aldehydes and Ketones; CHAPTER 8 PRIMARY SYNTHESES OF PHTHALAZINES 8.1 From a Single Benzene Derivative as Substrate8.1.1 By Formation of the C1-C8a Bond; 8.1.2 By Formation of the C1-N2 Bond; 8.2 From a Benzene Derivative as Substrate and One Synthon; 8.2.1 Where the Synthon Supplies C1 of the Phthalazine; 8.2.2 Where the Synthon Supplies N2 + N3 of the Phthalazine; 8.2.2.1 Using 1,2-Dialkylbenzenes as Substrates; 8.2.2.2 Using 1-Alkyl-2-ketobenzenes as Substrates; 8.2.2.3 Using 1-Alkyl-2-halogenoformylbenzenes as Substrates; 8.2.2.4 Using 1,2-Dialdehydrobenzenes as Substrates; 8.2.2.5 Using 1-Aldehydo-2-ketobenzenes as Substrates 8.2.2.6 Using 1-Aldehydo-2-carboxybenzenes as Substrates
Sommario/riassunto	This book provides the most comprehensive, current reference on the synthetic chemistry of cinnolines and phthalazines. Applications to the syntheses of natural products and other chiral compounds are described. Volume 64 contains chapters exploring the following topics:

* Primary Syntheses of Cinnolines* Cinnoline, Alklycinnolines, and Arylcinnolines* Halogenocinnolines* Oxycinnolines* Thiocinnolines* Nitro-, Amino-, and Related Cinnolines* Cinnolinecarboxylic Acids and Related Derivatives* Primary Syntheses of Phthalazines* Phthalazine, Alklyphthalazines, a