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Nota di contenuto	CONDENSED PYRAZINES; Contents; I. General Introduction to Quinoxaline Chemistry; II. Quinoxaline-The Parent Heterocycle; III. Quinoxalines Unsubstituted in the Heteroring; IV. Quinoxaline Mono- and Di-N-oxides; V. Quinoxalin-2-ones and Quinoxaline-2,3-diones; VI. Quinoxaline-2-thiones and Quinoxaline-2,3-dithiones; VII. Quinoxaline-2-carboxaldehydes and Quinoxaline-2,3-dicarboxaldehydes; VIII. Quinoxaline 2-Ketones and 2,3-Diketones; IX. Quinoxaline-2-carboxylic Acids and Quinoxaline-2,3-dicarboxylic Acids; X. 2-Halogenoquinoxalines and 2,3-Dihalogenoquinoxalines XI. 2-Aminoquinoxalines and 2,3-Diaminoquinoxalines XII. 2-Hydrazinoquinoxalines; XIII. 2-Alkoxy-, 2-Aryloxy-, 2,3-Dialkoxy-, 2-Alkoxy- 3-aryloxy-, and 2,3-Diaryloxquinoxalines; XIV. 2-Alkyl- and 2,3-Dialkylquinoxalines; XV. 2-Aryl(heteroaryl)- and 2,3-Diaryl

(diheteroaryl)quinoxalines; XVI. 2-Polyhydroxyalkylquinoxalines; XVII. Quinoxaline Quaternary Salts; XVIII. Reduced Quinoxalines; XIX. Pyrrolo [1,2-a]pyrazines; XX. Pyrrolo[b]pyrazines; XXI. Imidazopyrazines; XXII. Pyrazolopyrazines; XXIII. Triazolo- and Tetrazolopyrazines; XXIV. Furo-, Ozazolo-, Isoxazolo-, and Oxadiazolopyrazines XXV. Thieno-, Thiazolo-, Isothiazolo-, and ThiadiazolopyrazinesXXVI. Miscellaneous 5,6-Systems; XXVII. Pyrido[1,2-a]pyrazines; XXVIII. Pyrido[2,3-b]pyrazines; XXIX. Pyrido[3,4-b]pyrazines; XXX. Pyrazinopyrimidines; XXXI. Pyrazinopyrazines; XXXII. Pyrazinotriazines and Pyrazinotetrazines; XXXIII. Pyrazinooxazines; XXXIV. Pyrazinothiazines; XXXV. Pyrroloquinoxalines; XXXVI. Imidazoquinoxalines; XXXVII. Pyrazoloquinoxalines; XXXVIII. Benzo[f] quinoxalines; XXXIX. Benzo[g]quinoxalines; XL. Pyridoquinoxalines; Author Index; Subject Index

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Sommario/riassunto

Provides an account of the preparation, properties, and uses of the more important bi- and tri-cyclic ring systems incorporating the pyrazine ring. The first 18 chapters survey the developments in the chemistry of quinoxalines since the appearance in 1953 of a previous monograph in this series. The subsequent 22 chapters provide the first authoritative reviews of the chemistry of such important related ring systems as the pyrrolopyrazines.

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