1. Record Nr. UNINA9910144283103321 Autore Lister John H (John Henry) Titolo Fused pyrimidines . Part two [[electronic resource] /] / edited by D. J. Brown Pubbl/distr/stampa New York, : Wiley-Interscience, 1971 **ISBN** 1-282-30164-0 9786612301643 0-470-18688-7 0-470-18836-7 Edizione [99th ed.] Descrizione fisica 1 online resource (684 p.) Chemistry of heterocyclic compounds; ; v. 24, pt. 2 Collana Altri autori (Persone) BrownD. J 547.593 Disciplina 547/.59/05 547/.596 Soggetti **Pyrimidines** Chemistry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto FUSED PYRIMIDINES: PURINES; Contents; Tables; I. Introduction to the Purines; 1. History; TABLE 1. Trivial Names of Purines; 2. Nomenclature and Notation; 3. The Basis of Purine Chemistry; A. The Electrophilic Character of the 2-, 6- and 8-Carbon Atoms; B. The Nucleophilic Character of the 8-Carbon Atom; C. Tautomeric Groups; 4. General Summary of Purine Chemistry; A. Electrophilic Substitution; (a) Nitration; (b) Diazo Coupling; (c) Halogenation; (d) Alkylation; B. Nucleophilic Substitution; (a) Halogen Replacement by Amino Groups; (b) Halogen Replacement by Methoxy and Other Alkoxy Groups (c) Halogen Replacement by Oxo Group(d) Halogen Replacement by Alkylthio Groups; (e) Halogen Replacement by Thio Group; (f) Halogen Replacement by Thiocyanato and Cyano Groups; (g) Halogen Replacement by Sulpho Groups; (h) Replacement of Methoxy,

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Sommario/riassunto

Chemistry of Heterocyclic Compounds publishes articles, letters to the Editor, reviews, and minireviews on the synthesis, structure, reactivity, and biological activity of heterocyclic compounds including natural products. The journal covers investigations in heterocyclic chemistry taking place in scientific centers of all over the world, including extensively the scientific institutions in Russia, Ukraine, Latvia, Lithuania and Belarus.