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| Autore                  | Hartough H. D (Howard Dale), <1913-1992.>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Titolo                  | Compounds with condensed thiophene rings [[electronic resource] /] /<br>H.D. Hartough and S.L. Meisel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Collana                 | Chemistry of heterocyclic compounds ; ; v. 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Altri autori (Persone)  | MeiselS. L <1922-> (Seymour Lionel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Nota di contenuto       | COMPOUNDS WITH CONDENSED THIOPHENE RINGS; CONTENTS; I. Factors Influencing Chemical Reactivity and Substitution of Thiophene Systems; I. Introduction; II. Electrophilic Substitution of Furan, Thiophene and Selenophene; III. Electrophilic Substitution of Benzofuran, Thianaphthene, Selenonaphthene and the Thienothiophenes; IV. Electrophilic Substitution of Dibenzofuran, Dibenzothiophene and Dibenzoselenophene; V. Metalation of Thiophene Systems; VI. Reactivity of the Sulfur Atom in Thiophene Systems; II. Thianaphthene and Other Thiophene Compounds Containing One Carbocyclic Fused Ring<br>IntroductionA. Thianaphthene and Its Derivatives; Nomenclature; Occurrence of Thianaphthene Nature; I. Preparation of Thianaphthene and Its Homologs; A. Thianaphthene; B. Monoalkylthianaphthenes; C. Dialkylthianaphthenes; D. Trialkylthianaphthenes; E. Arylthianaphthenes; II. Miscellaneous Reactions and Properties; III. The Hydrothianaphthenes; A. 2,3-Dihydrothianaphthene and Its Derivatives; B. 6,7-Dihydrothianaphthene; C. 4,5,6,7-Tetrahydrothianaphthene and Its Derivatives; IV. Halogen Derivatives; V. Nitrogen Derivatives; A. |

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 C. Derivatives with Nitrogen in a Side Chain VI. Hydroxythianaphthenes (Thianaphthenols or Thioindoxyls); A. Tautomerism of 2- and 3-Hydroxythianaphthenes; B. Preparation of Hydroxythianaphthenes; 1. 2-Hydroxythianaphthenes; 2. 3-Hydroxythianaphthenes; 3. 4-Hydroxythianaphthenes; 4. 5-Hydroxythianaphthenes; 5. 6-Hydroxythianaphthenes; 6. 7-Hydroxythianaphthenes; 7. Di- and Trihydroxythianaphthenes; C. Reactions of Hydroxythianaphthenes; 1. Reactions of the Enol Form; 2. Reactions of the Keto Form; VII. Thianaphthenequinones; A. 2,3-Thianaphthenequinones; B. Benzenoid Thianaphthenequinones  
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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.

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