

1. Record Nr.	UNINA9911019086503321
Autore	Hartough H. D (Howard Dale), <1913-1992.>
Titolo	Compounds with condensed thiophene rings / / H.D. Hartough and S.L. Meisel
Pubbl/distr/stampa	New York, : Interscience, 1954
ISBN	9786612301414 9781282301412 1282301411 9780470186565 0470186569 9780470188064 0470188065
Edizione	[99th ed.]
Descrizione fisica	1 online resource (534 p.)
Collana	Chemistry of heterocyclic compounds ; ; v. 7
Altri autori (Persone)	MeiselS. L <1922-> (Seymour Lionel)
Disciplina	547.594 547/.59/05
Soggetti	Thiophenes 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	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 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. Nitrothianaphthenes; B. Aminothianaphthenes 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 1. 4,5-Thianaphthenequinones 2. 6,7-Thianaphthenequinones; 3. 4,7-Thianaphthenequinones; VIII. Derivatives Containing Hydroxyl Groups in a Side Chain; IX. Carbonyl Derivatives; A. Thianaphthenecarboxaldehydes; B. Keto Derivatives of Thianaphthene; X. Thianaphthenecarboxylic Acids; A. Monocarboxylic Acids; B. 2,3-Thianaphthenedicarboxylic Acid and Its Derivatives; C. 3-Amino-2-thianaphthenecarboxylic Acid; D. 3-Hydroxy-2-thianaphthencarboxylic Acid; E. Thianaphthenecarboxylic Acids with the Carboxyl Group in the Side Chain; XI. Thianaphthenesulfonic Acids and Thianaphthene Sulfides XII. Mercury Derivatives XIII. Thianaphthene I-Oxides (Sulfoxides); XIV. Thianaphthene 1-Dioxides (Sulfones); A. Preparation; B. Reactions; B. Isothianaphthene and Its Derivatives; I. The Hydroisothianaphthenes; A. 1,3-Dihydroisothianaphthene o-Xylylene Sulfide); B. 6,7-Dihydro- and 4,5,6,7-Tetrahydroisothianaphthenes; II. Derivatives of Isothianaphthene; C. Miscellaneous Systems; I. Cyclopenta [b] thiophene; II. Cyclohepta[b]thiophene; III. 4,7-Endovinylenethianaphthene; III. Thioindigo and Related Dyes; Introduction; I. Nomenclature; II. Friedlander's Commercial Thioindigo Synthesis III. Symmetrical Thioindigo Dyes

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.