

1. Record Nr.	UNINA9910830898903321
Autore	Breslow David S.
Titolo	Multi-sulfur and sulfur and oxygen five-and six-membered heterocycles . Volume 21 Part 2 / / David S. Breslow, Herman Skolnik
Pubbl/distr/stampa	New York : , : Interscience Publishers, , [1966] ©1966
ISBN	1-282-30161-6 9786612301612 0-470-18683-6 0-470-18833-2
Edizione	[99th ed.]
Descrizione fisica	1 online resource (814 p.)
Collana	Chemistry of Heterocyclic Compounds ; ; Volume 21
Disciplina	547.06
Soggetti	Organosulfur compounds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	MULTI-SULFUR AND SULFUR AND OXYGEN FIVE- AND SIX-MEMBERED HETEROCYCLES; CONTENTS OF PART TWO; 6. C ₂₄ S ₂ Ring Systems; I. C ₂₀ S ₂ S ₂ ; A. 1,3, 2,4-Dioxadithiane; 1. Preparation; 2. Mechanism of Formation; 3. Reactions; B. 1,3,2,4-Dioxadithiin; II. C ₅ -C ₂₀ S ₂ , 5H-Cyclopenta-1,3,2,4 -dioxacithiin; III. C ₇ O ₂ S ₂ -C ₂₀ S ₂ 1,3,2,4-Dioxadithihd5,6- 1,3,2,4-dioxadithh .; IV. C ₅ O, -C, 1,3,2,4 -Benzodioxadithiin; 7. C ₈ S ₄ Ringsystems; I. C ₂ S ₄ ; A. s-Tetrathiane; B. Spiro Derivatives; 1. C ₅ -C ₅ -C S, 6,7,13,14-Tetrathiadispiro f4.2.4.2jL-tetradecane; 2. C ₂ S ₄ -C ₅ -C, 7,8,15,16-Tetrathiadispiro [5.2.5.2]-hexadecane II. C ₅ N ₅ S-C ₂ S ₄ 2,3,4,8-Tetrathia-6, '7-diazabicyclo 13.2.11 octane8. C, O,SRingSystems; I. 1,3,2-Dioxathia Compounds; A. C ₅ O ₂ S; 1. IY3,2-Dioxathiane; a. Sulfite Esters; (1) Preparation; (2) Structure and Physical Properties; (3) Reactions; b. Sulfate Esters; (1) Preparation and Properties; (2) Reactions; c. Spiro Derivatives; 2. 4H- 1,3,2-Dioxathiin; B. C ₅ O-C ₃₀ S ₂ 4H-Fur43,2-d]-I1 3,2-dioxathiin; C. C ₃ O ₂ S-C ₅ O; 1. 4H, 8H-Pyrano(3, 2-d]-1,3, 2-dioxathiin; 2. 48,5H-Pyran44,3-d]-1,3,2-dioxathiin; D. c@~s-c6-c, Naphthdl, 8-de]-1,3,2-dioxathiin; E. c,o2s-c6-c,-c6; 1. Anthrdl, 9-de]-1,3,2-dioxathiin

2. 4,10-Ethan0-4H-11aphthtZ, 3-d]-1,3,2- dioxathiin3. Decahydro-5,9-methanobenzocycl&tene-4a, 11 (W)-diol Cyclic Sulfite; F. Cyclic Sulfites of Steroids and Related Com- pounds; II. 1,3,4-Dimthia Compounds C,O,S-C, 2,4,1- Benzodioxathiin; III. 1,3, 5-Dioxathia Compounds C3O2S 1,3,5- Dioxathiane; 9. C3OS2 Ring Systems; I. 1,2,6-Oxadithia Compounds; A. C3W2 1,2,6-Oxadithiane and 3H-1,2,6-oxadithiin; 1. 1,2,6-Oxadithiane; 2. 3H-1,2,6-Oxadithiin; B. c@8, -C,-c6 Naphwl, B - c ~] [I, 2,610xadithiin; II. 1,2,4-Oxadithia Compounds; C3oS2 1,2,4-Oxadithiane; III. 1,3,4-oxadithia Compounds C,06,-C6 -C, Naphth[1,2-e] [1,3,4]oxadithiin and Spiro [naphthalene-1(W), 3'-naphtMI, 2-e] [1,3,4]oxadithiin]IV. 1,3,5dkadithia Compounds; C,OS, 1,3, fi-oxadithiane; 10. C3S3 Ring Systems; I. 1,2,3-Trithia Compounds 1,2,3-Trithiane and Related Spiro Derivatives; II. 1,3,5-Trithia Compounds; A. s-Trithiane; 1. Preparation; 2. Structure; 3. Reactions; a. General Properties; b. Complexes with Heavy Metal Salts; c. Thermal Reactions; d. Halogenation'; e. Oxidation; f. Miscellaneous Reactions; g. Methylene Derivative; 4. Uses; B. C,S,- C@,-C,S, 2,4,6,8,9,10-HWthia-adarnantane C. C,S,-C,NS-C,NS 4,6,10-Trithia-l-azaadaman-tane11. C4O6 Ring Systems; I. o-Oxathia Compounds; A. C,oS o-Oxathiane and o-oxathiin; 1. o-Oxathiane; a. Preparation; b. Properties, Reactions, and Uses; 2. Dihydro-o-oxathiin; 3. o-Oxathiin; B. C,-C,OS 5H-Cyclopentfc] [1,210xathiin; C. C4OS-C6; 1. I,%-Benzoxathiin; 2. 2,l-Benzoxathiin; 3. 2,3-Benzoxathiin; D. C4oS-C,-C6; 1. W-NaphNI, 2-4-2, &oxathiin; 2. 3H-Naphtql, 8-cd]-[IJ 2l-oxathiin; 3. Dibenz[ce]-[1, 21 -oxathiin; E. c,~-c6-c6-c6; 1. Benzo[c]aaphth[2,l-e]-[1,2]-01 mthiin 2. Benzo[c]naphth[1, 2-e]-[1, 2]-oxathiin and Benzo[c]naphth[2, 3-e]-[1, 2]-oxathiin

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.