1. Record Nr. UNINA9910878993403321 Autore Ameta Keshav Lalit Titolo S-Heterocycles: Synthesis and Biological Evaluation / / edited by Keshav Lalit Ameta Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9789819743087 9789819743070 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (342 pages) Disciplina 547.59 Soggetti Medicinal chemistry Chemical engineering Bioinorganic chemistry Medicinal Chemistry Chemical Engineering Bioinorganic Chemistry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Synthesis and Biological Evaluation of Thiophene and Its Derivatives --Synthesis and Biological Evaluation of 4-thiazolidinone Scaffold: A Versatile Chemistry and Diverse Biological Applications in the Drug Discovery and Development -- Synthesis and Biological Evaluation of Thiazoline, Thiophene and Thiazole Scaffolds -- Synthesis and Biological Evaluation of Thiirane and Its Derivatives -- Synthesis and Biological Evaluation of 1,3,5-dithiazinanes: Synthesis, Stereochemistry, and Applications -- Synthesis and Biological Evaluation of Benzothiazepine, Benzothiazole, and Benzothiophene Derivatives -- Synthesis and Biological Evaluation of Some Fused Pyrollothiazoles, Pyrazolothiazoles, and Imidazothiazoles -- Synthesis and Biological Evaluation of Some Dithiazines -- Synthesis and Biological Evaluation of Some Sulfur Containing Spiro Compounds --Synthesis and Biological Evaluation of Some Polycyclic Aromatic

Hydrocarbons -- Synthesis and Biological Evaluation of Some Thietane

Derivatives -- Synthesis and Biological Evaluation of Fused

Thiazolotriazole and Imidazothiadiazole Scaffolds.

Sommario/riassunto

This book presents the recent research on sulfur-containing heterocyclic scaffolds that are crucial for biological processes. The numerous synthetic techniques utilized for the design and synthesis of different sized S-heterocycles, particularly biologically active frameworks with their pharmacological significance, are discussed in this book. This book is a useful reference for students, researchers and professionals working in the chemical and pharmaceutical industries.