Record Nr. UNINA9910785581503321 Autore Zhou Jiaju **Titolo** Encyclopedia of Traditional Chinese Medicines - Molecular Structures, Pharmacological Activities, Natural Sources and Applications [[electronic resource] ]: Vol. 1: Isolated Compounds A-C / / by Jiaju Zhou, Guirong Xie, Xinjian Yan Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa , 2011 **ISBN** 1-283-08092-3 9786613080929 3-642-16735-7 Edizione [1st ed. 2011.] Descrizione fisica 1 online resource (589 p.) Collana CISM International Centre for Mechanical Sciences Disciplina 572 610 615 615.19 Soggetti Pharmaceutical technology Pharmacology **Biochemistry** Pharmaceutical Sciences/Technology Pharmacology/Toxicology Biochemistry, general 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. Nota di contenuto Introduction -- How to Use This Book -- Abbreviations and Symbols --Cancer Cell Codes in Pharmacological Models.-Isolated Compounds A— C (Entries 1-4594). This set of six volumes provides a systematic and standardized Sommario/riassunto description of 23,033 chemical components isolated from 6,926 medicinal plants, collected from 5,535 books/articles published in Chinese and international journals. A chemical structure with stereochemistry bonds is provided for each chemical component, in addition

to conventional information, such as Chinese and English names,

physical and chemical properties. It includes a name list of medicinal plants from which the chemical component was isolated. Furthermore, abundant pharmacological data for nearly 8,000 chemical components are presented, including experimental method, experimental animal, cell type, quantitative data, as well as control compound data. The seven indexes allow for complete cross-indexing. Regardless whether one searches for the molecular formula of a compound, the pharmacological activity of a compound, or the English name of a plant, the information in the book can be retrieved in multiple ways.