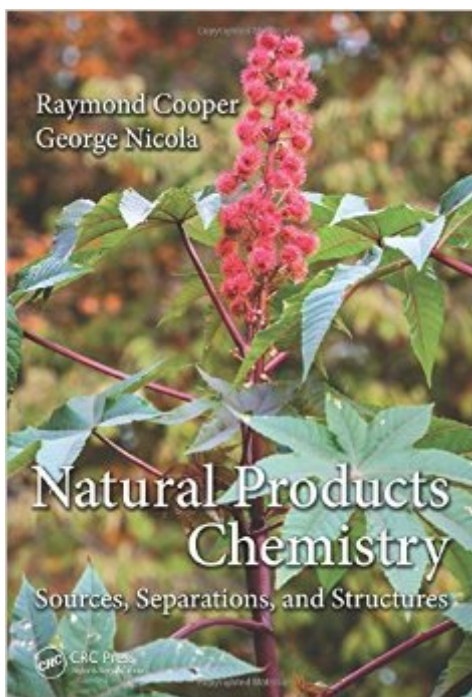


The book was found

Natural Products Chemistry: Sources, Separations And Structures



Synopsis

Notoriously cumbersome to isolate and challenging to synthesize, the path of natural products to viable drugs is an arduous journey. Yet compounds isolated from nature may possess fascinating structures, biological profiles and pharmaceutical potential far greater than anything made by man. *Natural Products Chemistry: Sources, Separations and Structures* presents a practical guide to sourcing, isolating, and discovering new compounds from nature many of which become pharmaceutical drugs. This book emphasizes the challenges and advantages of products acquired from nature, compared to those obtained from combinatorial chemistry. A basic introduction, the book describes the whole cycle from farm to final compound, backed up by case studies drawn from industry and research applications. It broadens the scope of applications and draws upon examples from various sources. Natural products chemistry, as taught today, draws its examples mainly from marine chemistry or plant chemistry; however, there is also a fascinating and rich world of fermented (microbial and algal) products leading to complex structures. Thus, the book draws upon examples from the microbial world and from insects too. Therefore, this is a source of bioactive metabolites, not traditionally available in academic settings, more the mainstay of the pharmaceutical industry. Providing a roadmap of the process of collecting a compound from nature, isolating the active ingredient, and determining the chemical structure, this book provides a unique approach to the world of natural products.

Book Information

Paperback: 206 pages

Publisher: CRC Press; 1 edition (July 29, 2014)

Language: English

ISBN-10: 1466567619

ISBN-13: 978-1466567610

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars See all reviews (2 customer reviews)

Best Sellers Rank: #481,175 in Books (See Top 100 in Books) #17 in Books > Medical Books > Pharmacology > Chemistry #371 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology #400 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy

Customer Reviews

As a trained natural products chemist I enjoyed reading this book and learned new things. This book provides a fresh look on this very interesting subject. And..it is been co-authored by my colleague and a dear friend Dr. Ray Cooper of whom I am so proud. This is a this jewel of an instruction book suitable for every student of the Natural Chemistry subject. . Providing new perspective on a subject as old as the mankind. Thank you, Ray!.

I used this book as a reference of my lecture for undergraduate student in my school. Easy to read and easy to understand.

[Download to continue reading...](#)

Natural Products Chemistry: Sources, Separations and Structures Anti Aging: The Best Anti Aging Beauty Products, Anti Aging Medicines and Anti Aging Skin Care Treatments to Make You Look and Feel Younger (Anti Aging, ... Secrets, Anti Aging Diet, Beauty Products) Don't Go to the Cosmetics Counter Without Me: A unique, professionally sourced guide to thousands of skin-care and makeup products from today's hottest ... and discover which products really work! Don't Go to the Cosmetics Counter Without Me: A unique guide to skin care and makeup products from today's hottest brands — shop smarter and find products that really work! Make Your Own Skin Care Products: How to Create a Range of Nourishing and Hydrating Skin Care Products Designing Products People Love: How Great Designers Create Successful Products Dictionary of Natural Products: Terms in the Field of Pharmacognosy Relating to Natural Medicinal and Pharmaceutical Materials and the Plants, Animals International Relations, International Security, and Comparative Politics: A Guide to Reference and Information Sources (Reference Sources in the Social Sciences) Wholesale Sources: With more than 200 Product Sources for your eBay, , Flea Market and E-Commerce store. The alkaloids (Chemistry of natural products) Las 7 Llaves de la Felicidad [The 7 Keys to Happiness]: Las Fuentes de Bienestar y su Orden Natural [Sources of Wellness and the Natural Order] Natural Remedies for Dogs : 101 Safe & Natural Essential Oils' Remedies for Your DOG: (Natural Remedies For Dogs, Essential Oils Remedies For Dogs, Natural Dog Care, Recipes For Dogs, Home Remedies) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) GREEN BEAUTY RECIPES: Easy Homemade Recipes to Make Your Own Organic and Natural Skincare, Hair Care and Body Care Products Java Software Structures:

Designing and Using Data Structures Java Software Structures: Designing and Using Data Structures (3rd Edition) Design and Analysis of Composite Structures: With Applications to Aerospace Structures The Chemistry and Technology of Furfural and its Many By-Products, Volume 13 (Sugar Series)

[Dmca](#)