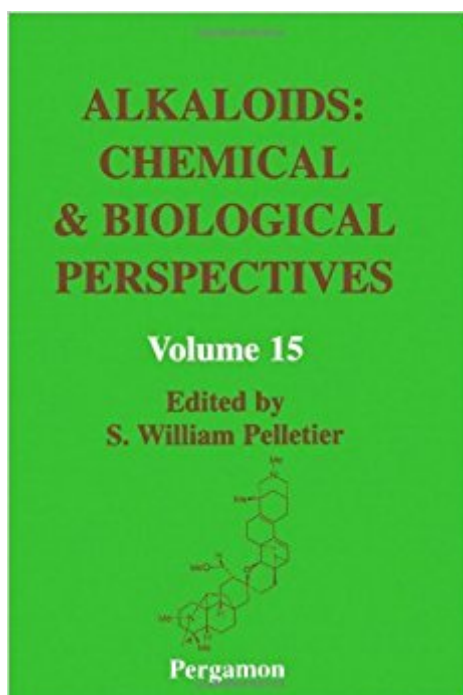


The book was found

Alkaloids: Chemical And Biological Perspectives: 15



Synopsis

Alkaloids: Chemical and Biological Perspectives, the 15th volume of the ACBP series, features four important reviews of research on alkaloids. Chapter 1 is the first comprehensive review of the carbon-13 and proton NMR shift assignments and physical constants of diterpene alkaloids and their derivatives. In addition to the catalogue of spectral and physical data, the chapter includes a table of the occurrences of these alkaloids in various plant species, tables containing molecular formulas versus calculated high-resolution mass values, and calculated high-resolution mass values versus the molecular formulas of diterpenoid alkaloids, as well as seven tables summarizing the carbon-13 chemical shifts of various functional groups in diterpenoid alkaloids. Chapter 2 is a fascinating review of the supercritical fluid extraction of alkaloids. This technique using basic modifiers, provides an alternative method for the extraction of alkaloids. Chapter 3 summarizes recent advances in the synthesis of Amaryllidaceae alkaloids, an important class of naturally-occurring bases and neutral compounds. The increased activity in the synthesis of these alkaloids over the last decade is undoubtedly due to the fact that certain members of this family possess interesting and useful biological properties. Elegant syntheses, chiral and otherwise, of structures incorporating many asymmetric centres are reviewed. Chapter 4 reviews radical cyclization reactions in the total synthesis of indole alkaloids. The use of free radical chemistry in the synthesis of alkaloids has grown markedly because of the mild reaction conditions, tolerance of a wide variety of functional groups, and the good stereoselectivities. Each chapter in this volume has been reviewed by at least one specialist in the field.

Book Information

File Size: 11954 KB

Print Length: 656 pages

Publisher: Pergamon; 1 edition (December 3, 2001)

Publication Date: December 3, 2001

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B001D4CV7M

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #4,610,178 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #59

inÃ Â Books > Science & Math > Chemistry > Alkaloids #446 inÃ Â Kindle Store > Kindle eBooks
> Nonfiction > Science > Physics > Statics #674 inÃ Â Kindle Store > Kindle eBooks > Nonfiction
> Science > Biological Sciences > Biophysics

Customer Reviews

Got this product as a Father's Day gift. He loves the product. For its price, it is excellent quality. A very good looking tool too. In addition, the customer service was excellent. I certainly would recommend it! high quality and very value for this price . send to my son, have a good experience. fast and in time.

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

Alkaloids: Chemical and Biological Perspectives Alkaloids: Chemical and Biological Perspectives: 9
Alkaloids: Chemical and Biological Perspectives, Volume 9 Alkaloids: Chemical and Biological
Perspectives, Volume 11 Alkaloids: Chemical and Biological Perspectives, Volume 10 Alkaloids:
Chemical and Biological Perspectives: 12 Alkaloids: Chemical and Biological Perspectives, Vol. 6
Alkaloids: Chemical and Biological Perspectives, Volume 15 Alkaloids: Chemical and Biological
Perspectives: 15 Alkaloids: Chemical and Biological Perspectives, Volume 14 Alkaloids: Chemical
and Biological Perspectives, Volume 13 The Alkaloids, Chemistry and Physiology, Volume VIII [8]:
The Indole Alkaloids The Alkaloids: Chemistry and Physiology, Vol. 8: The Indole Alkaloids (v. 8)
Naturally Occurring Alkaloids and Iridoids: Chemistry and Biological Importance The Pyrrolizidine
Alkaloids Their Chemistry, Pathogenicity and Other Biological Properties. (Frontiers of Biology,
volume 9) Measuring and Monitoring Biological Diversity. Standard Methods for Amphibians
(Biological Diversity Handbook) Disaster Nursing and Emergency Preparedness for Chemical,
Biological and Radiological Terrorism and Other Hazards, 2nd Edition Disaster Nursing and
Emergency Preparedness: for Chemical, Biological, and Radiological Terrorism and Other Hazards,
Third Edition Individual Preparedness and Response to Chemical, Radiological, Nuclear, and
Biological Terrorist Attacks Secrets & Lies: Wouter Basson and South AfricaÃ¢â€s Chemical
and Biological Warfare Programme

[Contact Us](#)

[DMCA](#)

[Privacy](#)

