



Toxicology of Organophosphate & Carbamate Compounds

[Download now](#)

[Read Online](#) 

[Click here](#) if your download doesn't start automatically

Toxicology of Organophosphate & Carbamate Compounds

Toxicology of Organophosphate & Carbamate Compounds

This text/reference book provides the most comprehensive coverage of anticholinesterase compounds (Organophosphates and Carbamates), which constitute the largest number of chemicals that are primarily used as insecticides in agriculture, industry, and around the home/garden. Some OPs (nerve agents) have been used in chemical warfare and terrorist attacks, while some OPs and CMs have been recommended as therapeutic agents in human medicine as well as in veterinary medicine. Many chemicals of both classes are extremely toxic and lack selectivity, thus their inadvertent/accidental use continues to pose a threat to human and animal health, aquatic systems and wildlife. These anticholinesterase agents produce a variety of toxicological effects in target and nontarget organs.

In light of this complexity, this multi-authored book is written by the well known scientists from many countries. The book is organized into nine sections, with a total of 49 chapters, to provide in-depth knowledge on various aspects of OP and CM compounds, including their use, classification, mechanism-based toxicity, and prophylactic and therapeutic measurements. Several chapters are written with special emphasis to cover timely topics, such as chemical warfare agents, physiologically-based pharmacokinetic modeling, structure and function of cholinesterases, paraoxonase, carboxylesterases; developmental neurotoxicity, the intermediate syndrome, oxidative stress, endocrine disruption, and DNA damage/gene expression and carcinogenesis. Section-VI with 5 chapters is specifically devoted to risk assessment, and safety and regulatory guidelines for pesticides.

- Describes everything you need to know about Organophosphates and Carbamates
- Extensively covers pesticides, nerve agents, therapeutic drugs, and flame retardants
- Describes epidemiology of the world's major disasters involving Organophosphates and Carbamates
- Covers animal, human, aquatic, and wildlife toxicity of Anticholinesterases
- Insights into in-depth cholinergic and noncholinergic mechanisms of toxicity
- Describes recent advancements in cholinesterases, paraoxonases, carboxylesterases, oxidative stress, endocrine disruption, cardiac and pulmonary toxicity, and carcinogenesis
- Provides in vitro and in vivo models for neurotoxicity testing
- Integrates knowledge of studies in lab animals and humans
- Offers risk/safety assessment and national/international guidelines for permissible levels of pesticide residues
- Describes management of Anticholinesterase poisoning in humans

 [Download Toxicology of Organophosphate & Carbamate Compounds ...pdf](#)

 [Read Online Toxicology of Organophosphate & Carbamate Compounds ...pdf](#)

Download and Read Free Online Toxicology of Organophosphate & Carbamate Compounds

Download and Read Free Online Toxicology of Organophosphate & Carbamate Compounds

From reader reviews:

Donald Hamann:

Do you one among people who can't read pleasurable if the sentence chained inside the straightway, hold on guys this particular aren't like that. This Toxicology of Organophosphate & Carbamate Compounds book is readable through you who hate the straight word style. You will find the information here are arrange for enjoyable reading through experience without leaving perhaps decrease the knowledge that want to supply to you. The writer involving Toxicology of Organophosphate & Carbamate Compounds content conveys thinking easily to understand by many people. The printed and e-book are not different in the content but it just different available as it. So , do you still thinking Toxicology of Organophosphate & Carbamate Compounds is not loveable to be your top list reading book?

Yvonne Wagner:

People live in this new day time of lifestyle always attempt to and must have the time or they will get lots of stress from both day to day life and work. So , whenever we ask do people have time, we will say absolutely of course. People is human not only a robot. Then we inquire again, what kind of activity do you have when the spare time coming to you actually of course your answer will probably unlimited right. Then do you try this one, reading publications. It can be your alternative in spending your spare time, typically the book you have read is definitely Toxicology of Organophosphate & Carbamate Compounds.

Malcolm Lee:

As we know that book is significant thing to add our expertise for everything. By a e-book we can know everything you want. A book is a range of written, printed, illustrated or blank sheet. Every year has been exactly added. This e-book Toxicology of Organophosphate & Carbamate Compounds was filled concerning science. Spend your extra time to add your knowledge about your science competence. Some people has different feel when they reading a new book. If you know how big benefit from a book, you can really feel enjoy to read a e-book. In the modern era like currently, many ways to get book which you wanted.

Carolyn Brown:

That reserve can make you to feel relax. This specific book Toxicology of Organophosphate & Carbamate Compounds was colourful and of course has pictures on the website. As we know that book Toxicology of Organophosphate & Carbamate Compounds has many kinds or variety. Start from kids until teenagers. For example Naruto or Investigator Conan you can read and think you are the character on there. So , not at all of book are make you bored, any it offers you feel happy, fun and loosen up. Try to choose the best book for yourself and try to like reading which.

Download and Read Online Toxicology of Organophosphate & Carbamate Compounds #X8LHNW3OUJI

Read Toxicology of Organophosphate & Carbamate Compounds for online ebook

Toxicology of Organophosphate & Carbamate Compounds Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Toxicology of Organophosphate & Carbamate Compounds books to read online.

Online Toxicology of Organophosphate & Carbamate Compounds ebook PDF download

Toxicology of Organophosphate & Carbamate Compounds Doc

Toxicology of Organophosphate & Carbamate Compounds Mobipocket

Toxicology of Organophosphate & Carbamate Compounds EPub

Toxicology of Organophosphate & Carbamate Compounds Ebook online

Toxicology of Organophosphate & Carbamate Compounds Ebook PDF