A Guide to Organophosphorus Chemistry
Louis D. Quin


**DESCRIPTION**

An authoritative and comprehensive introduction to organophosphorus chemistry. The broad, exciting field of organophosphorus chemistry has grown tremendously over the last few decades, with a wealth of opportunities for research and applications development. A Guide to Organophosphorus Chemistry offers chemists in academia and industry complete, up-to-date coverage of the fundamentals with an eye on future developments in this area. Internationally recognized authority Louis D. Quin extends his experienced perspective and insight on the topic by:

* Surveying the most important phosphorus-containing functional groups

* Including representative methods of synthesis, plus references to detailed synthetic procedures

* Outlining advances in stereochemical aspects of phosphorus chemistry

* Covering areas of current research, such as unusual coordination states, heterocycles, applications of 31P-NMR, and other spectroscopic methods

* Providing numerous references to important review articles and recent literature

* Presenting electronic mechanisms and reactive intermediates where established

* Discussing the importance of phosphorus compounds in living systems and in agricultural applications
Liberally illustrated with equations and structural formulas, A Guide to Organophosphorus Chemistry presents a virtually unparalleled introduction to the subject matter, making it an indispensable instructional tool for aspiring chemists and practicing chemists alike.

ABOUT THE AUTHOR

Louis D. Quin, PhD, is Distinguished Visiting Professor in the Department of Chemistry at the University of North Carolina at Wilmington, and James B. Duke Professor Emeritus at Duke University and Professor Emeritus at the University of Massachusetts.

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