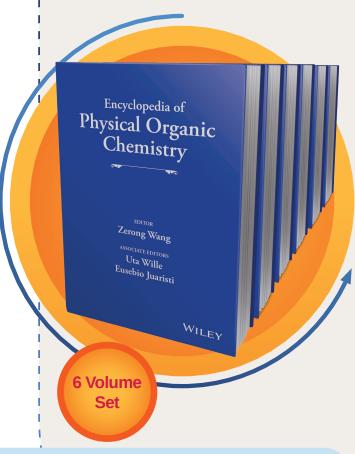
## **Encyclopedia of Physical** Organic Chemistry

Zerong Wang, Department of Chemistry University of Houston Clear-Lake Uta Wille, University of Melbourne Eusebio Juaristi, Centro de Investigación y de Estudios Avanzados del Instituto Politécwnico Nacional, Mexico

Editor-in-chief and associate editors from USA, Mexico, UK and Australia



Publication Date: April 2017

ISBN: 978-1-118-47045-9

Online ISBN: 978-1-118-46858-6

Hardcover • 4464 pages

**Introductory Print Price: US\$1,800** 

Valid till 30th April 2017 List Print Price: US\$2,000 This encyclopedia offers a comprehensive and easy reference to physical organic chemistry (POC) methodology and techniques. It puts POC, a classical and fundamental discipline of chemistry, into the context of modern and dynamic fields like biochemical processes, materials science, and molecular electronics.

- Covers basic terms and theories into organic reactions and mechanisms, molecular designs and syntheses, tools and experimental techniques, and applications and future directions
- Includes coverage of green chemistry and polymerization reactions
- Reviews different strategies for molecular design and synthesis of functional molecules
- Discusses computational methods, software packages, and more than 34 kinds of spectroscopies and techniques for studying structures and mechanisms
- Explores applications in areas from biology to materials science

For product and order inquiries, please contact: asiaorders@wiley.com