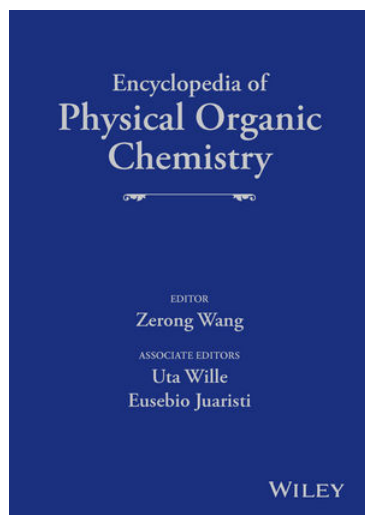


全6巻からなる本書は、物理有機化学の方法と技法に関する包括的かつ参照しやすい百科事典です。化学の伝統的で根本的な分野である物理有機化学を、生化学的プロセス、材料科学、および分子エレクトロニクスなど現代的で発展しつつある諸分野との脈絡において位置付けます。



## 物理有機化学百科事典 6巻セット Encyclopedia of Physical Organic Chemistry 6 Volume Set

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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

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