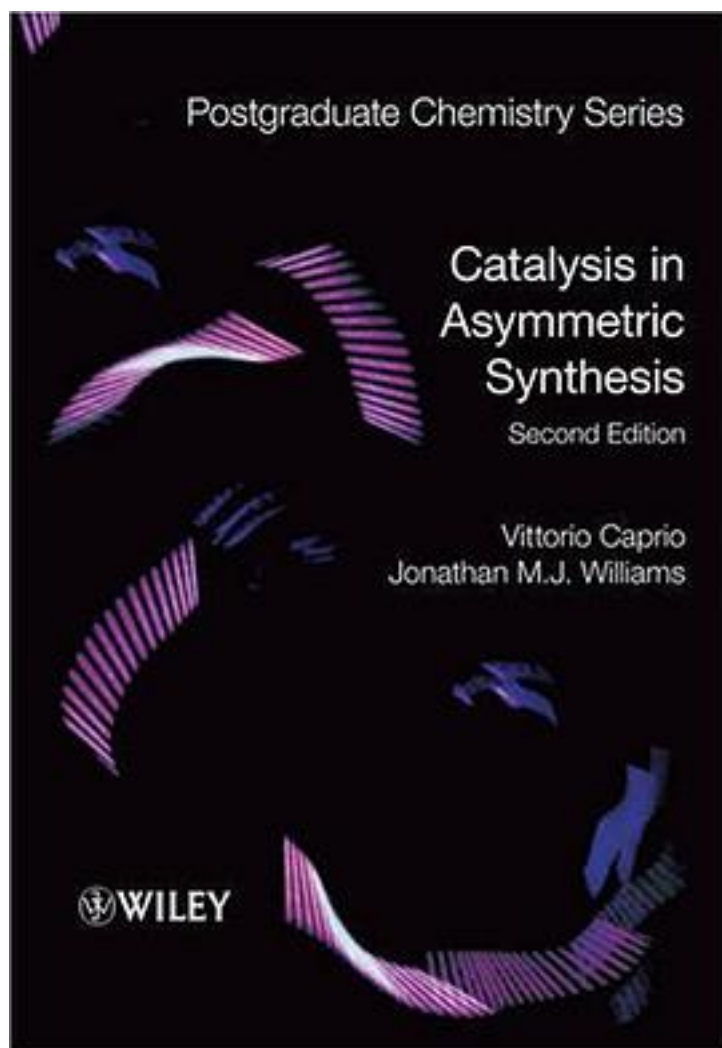


Catalysis in Asymmetric Synthesis



[Catalysis in Asymmetric Synthesis_ 下载链接1](#)

著者:Caprio, Vittorio/ Williams, Jonathan M. J.

出版者:

出版时间:2009-3

装帧:

isbn:9781405175197

Asymmetric synthesis has become a major aspect of modern organic chemistry. The stereochemical properties of an organic compound are often essential to its bioactivity, and the need for stereochemically pure pharmaceutical products is a key example of the importance of stereochemical control in organic synthesis. However, achieving high levels of stereoselectivity in the synthesis of complex natural products represents a considerable intellectual and practical challenge for chemists. Written from a synthetic organic chemistry perspective, this text provides a practical overview of the field, illustrating a wide range of transformations that can be achieved. The book captures the latest advances in asymmetric catalysis with emphasis placed on non-enzymatic methods. Topics covered include: Reduction of alkenes, ketones and imines Nucleophilic addition to carbonyl compounds Catalytic carbon-carbon bond forming reactions Catalytic reactions involving metal carbenoids Conjugate addition reactions Catalysis in Asymmetric Synthesis bridges the gap between undergraduate and advanced level textbooks and provides a convenient point of entry to the primary literature for the experienced synthetic organic chemist.

作者介绍:

目录:

[Catalysis in Asymmetric Synthesis 下载链接1](#)

标签

评论

[Catalysis in Asymmetric Synthesis 下载链接1](#)

书评
