DESCRIPTION

A complete overview covering the application of metal-based chiral Lewis acids from all parts of the periodic table, the Author emphasizes the most recent contributions to the field as well as prominent direction of development.

The book discusses the design of chiral complexes as well as a wide spectrum of reactions promoted by various chiral Lewis acids, including water-compatible acids as well as the most important applications in the chemical and pharmaceutical industries.

A must-have for catalytic and organic chemists working in the field, both in academia and industry, as well as pharmaceutical and medicinal chemists.

ABOUT THE AUTHOR

Jacek Mlynarski is a Professor of Organic Chemistry and Group Leader at the Jagiellonian University of Krakow (Poland). He also studied chemistry at the Jagiellonian University in Krakow and received his Ph.D. (2000) from the Institute of Organic Chemistry of the Polish Academy of Sciences. In 2001 he obtained a research fellowship from the Alexander von Humboldt Foundation and worked with Prof. Alois Fürstner at the Max Planck Institute for Coal Research (Germany). Upon returning to Poland in 2002, he first obtained an academic position at the Institute of Organic Chemistry at the Polish Academy of Sciences, before joining his
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