Introduction to Nitroxide Chemistry  p. 1
The Subject of Nitroxide Chemistry  p. 1
Stability of Nitroxide Radicals and the Scope of This Book  p. 3
Brief Historical Review  p. 8
Classification and Nomenclature of Nitroxides  p. 13
Purposes and Structure of This Book  p. 15
Generation and Chemical Properties of the Nitroxy1 Group  p. 23
Methods of Generating the Nitroxy1 Group  p. 23
Reactions of Nitroxides Involving the Nitroxy1 Group  p. 39
Synthetic Chemistry of Stable Nitroxides  p. 65
Introduction  p. 65
Synthetic Strategy for Functionalized Nitroxides  p. 68
Synthetic Chemistry of Stable Nitroxides  p. 78
Complexes With Metal-Nitroxy1 Group Coordination  p. 159
Introduction  p. 159
Monofunctional Nitroxy1  p. 161
Monofunctional Nitronyl Nitroxy1  p. 166
Bifunctional Nitronyl Nitroxy1 With a Bridge Function  p. 171
Trifunctional Nitroxy1  p. 181
Molecular Ferromagnetics on the Basis of Complexes With Nitroxides  p. 187
New Approaches to Generation of Heterocyclic Nitroxides Using Organometal Reagents  p. 211
Index  p. 221

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.