

Contents

Synthesis of Heterocycles Through Classical Ugi and Passerini Reactions Followed by Secondary Transformations Involving One or Two Additional Functional Groups	1
Luca Banfi, Andrea Basso, and Renata Riva	
Aminoazoles as Key Reagents in Multicomponent Heterocyclizations	41
Valentin A. Chebanov, Katerina A. Gura, and Sergey M. Desenko	
The Piperazine Space in Isocyanide-based MCR Chemistry	85
Yijun Huang, Kareem Khoury, and Alexander Dömling	
α-Acidic Isocyanides in Multicomponent Chemistry	129
Niels Elders, Eelco Ruijter, Valentine G. Nenajdenko, and Romano V.A. Orru	
Microreactor Technology as an Efficient Tool for Multicomponent Reactions	161
Ana Cukalovic, Jean-Christophe M.R. Monbaliu, and Christian V. Stevens	
Cyclic Peptidomimetics and Pseudopeptides from Multicomponent Reactions	199
Ludger A. Wessjohann, Cristiano R.B. Rhoden, Daniel G. Rivera, and Otilie Eichler Vercillo	
β-Diketo Building Blocks for MCRs-based Syntheses of Heterocycles ...	227
Maria del Mar Sanchez Duque, Christophe Allais, Nicolas Isambert, Thierry Constantieux, and Jean Rodriguez	
Index	279