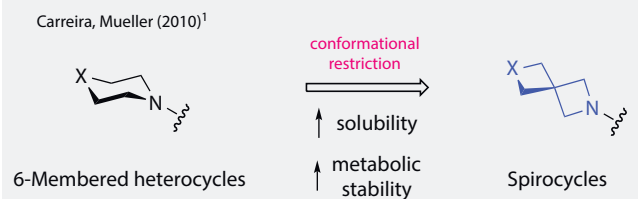


Novel spirocycles for drug discovery

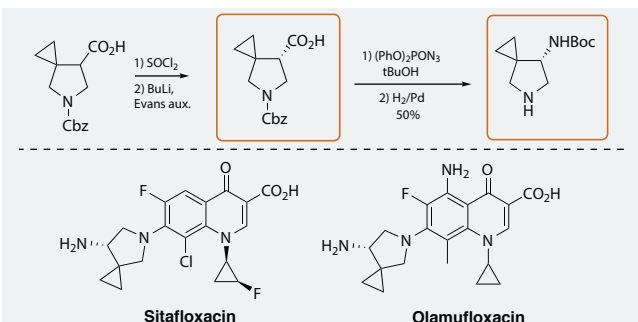
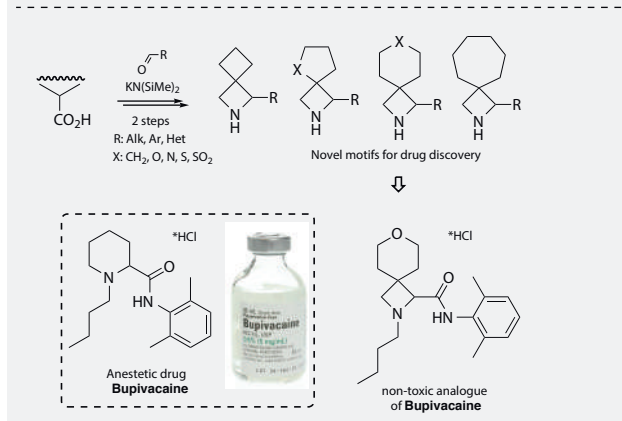
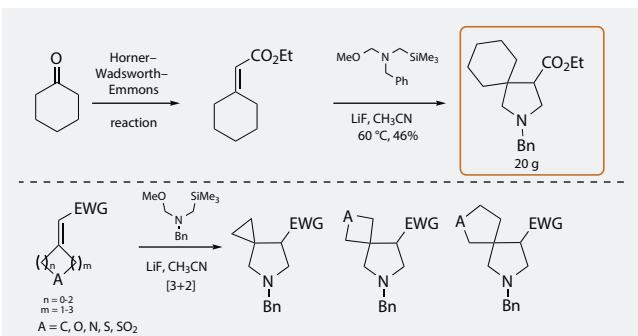
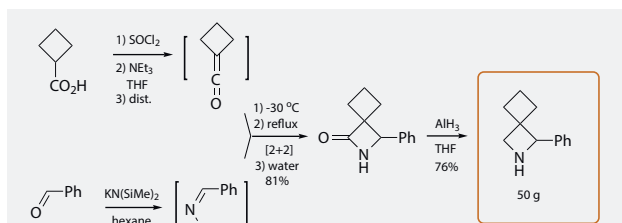
P. Mykhailiuk, A. Kirichok, I. Shton, I. Pishel, S. Zozulya, P. Borysko, V. Kubyskin, O. Zaporozhets, M. Kliachyna, B. Chalyk, M. Butko, O. Yanshyna, K. Gavrilenko, T. Druzhenko, A. Isakov, K. Hrebeniuk, O. Savych, O. Kucher, V. Yarmolchuk, A. Tolmachev

Introduction and Aim

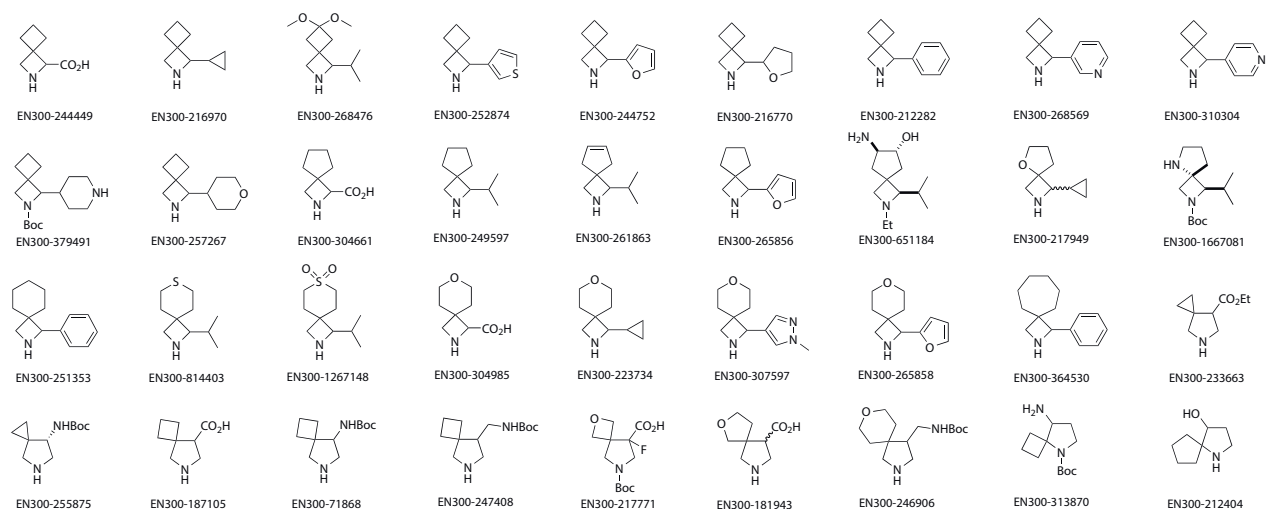
L-Proline is a natural amino acid playing an important role in drug discovery as a cheap chiral bifunctional building block. Over the past decade unnatural analogues of Proline also became extremely popular. In this work, we have rationally designed, synthesized and applied a library of novel/previously scarcely available analogues of Proline in medicinal chemistry.¹⁻¹⁰



Synthesis



Results



Contact

Pavel Mykhailiuk, Dr. Sci., PhD
Pavel.Mykhailiuk@mail.enamine.net, www.mykhailiukchem.org
Enamine Ltd, www.enamine.net
78 Chervonotkatska St, 02660 Kyiv, Ukraine

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