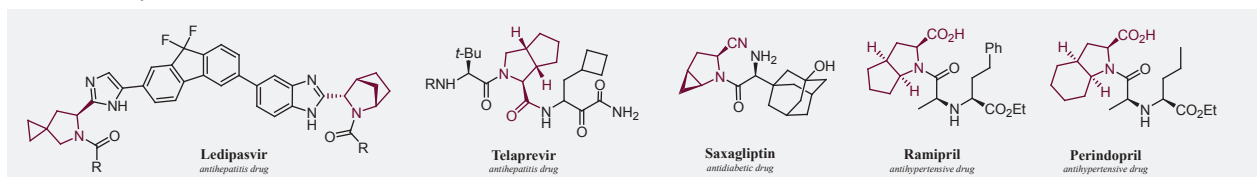


Proline analogues: advanced building blocks for drug design

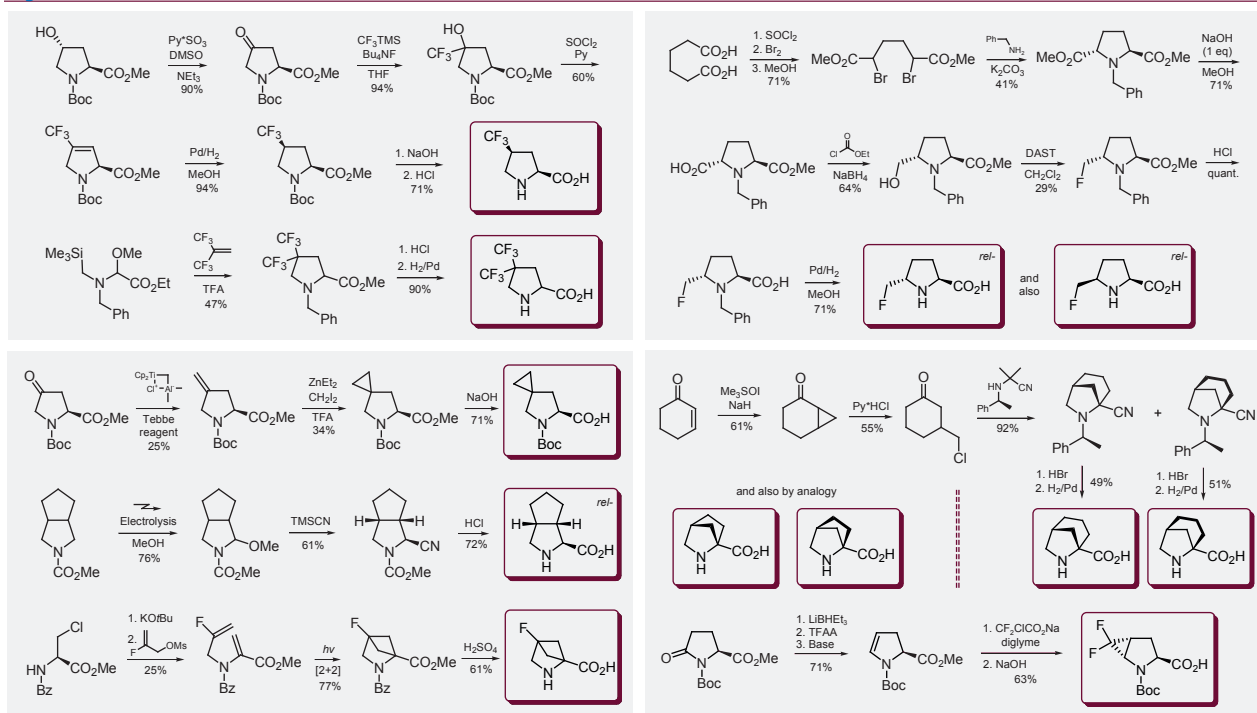
Bilenko, V.; Dolovanyuk, V.; Grygorenko, O.; Ivon, Y.; Komarov, I.; Kondratov, I.; Kubyshkin, V.; Leychenko, E.; Michurin, O.; Mykhailiuk, V.; Mykhailiuk, P.; Savchuk, T.; Tereshenko, S.; Tkachenko, A.; Tolmachev, A.; Trofymchuk, S.; Tymtsunik, A.; Vilchinskiy, V.; Yarmolchuk, V.

Introduction and Aim

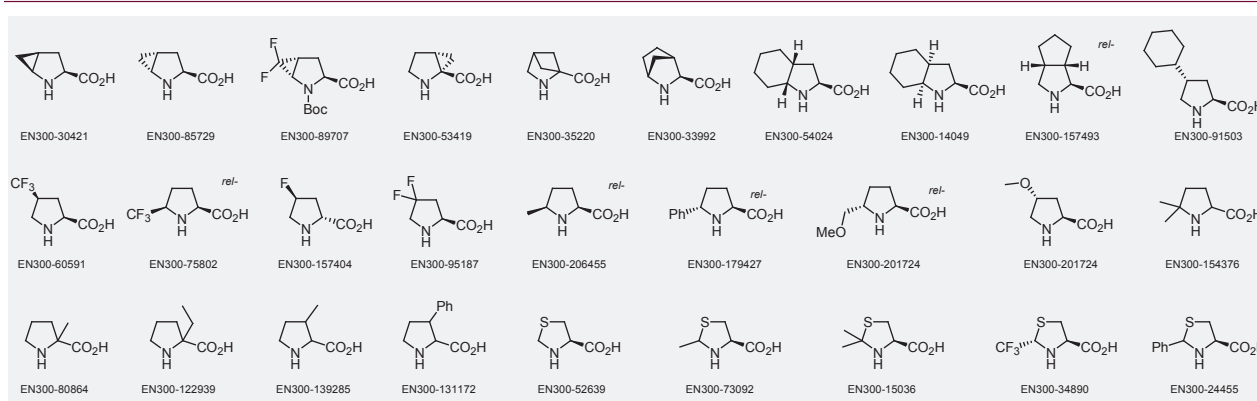
L-Proline is a natural amino acid playing an important role in drug discovery as a cheap chiral bifunctional building block. Over the past decade unnatural analogues of Proline also became extremely popular. In this work, we have rationally designed, synthesized and applied a library of novel/previously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



Synthesis



Results



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