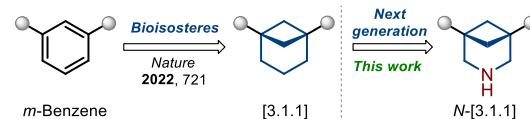


Synthesis of 3-Azabicyclo[3.1.1]heptanes

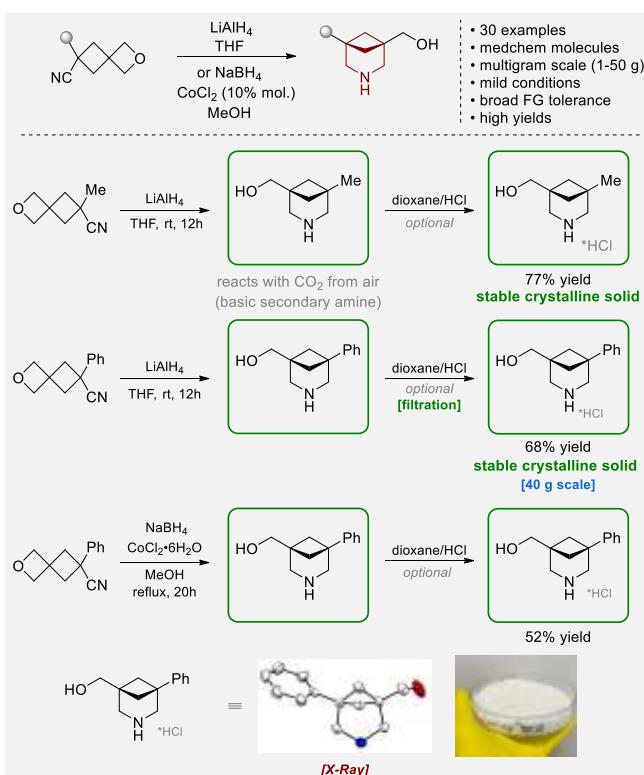
D. Dibchak, M. Snisarenko, A. Mishuk, O. Shablykin, L. Bortnichuk, O. Klymenko-Ulianov, Y. Kheylik, I. V. Sadkova, P. K. Mykhailiuk

Introduction and Aim

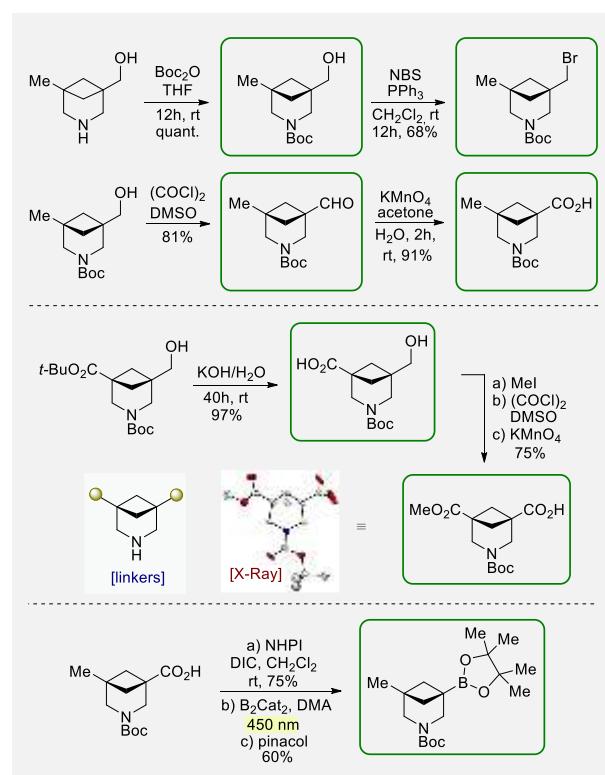
In 2022, bicyclo[3.1.1]heptanes were demonstrated to mimic the fragment of *meta*-substituted benzenes in biologically active compounds.¹⁻³ Both cores had similar angles between the exit vectors (119–120°), a similar distance between substituents (4.8–5.0 Å), and similar physicochemical properties. Here, we unexpectedly developed a general approach to their aza-analogs: 3-azabicyclo[3.1.1]heptanes.⁴



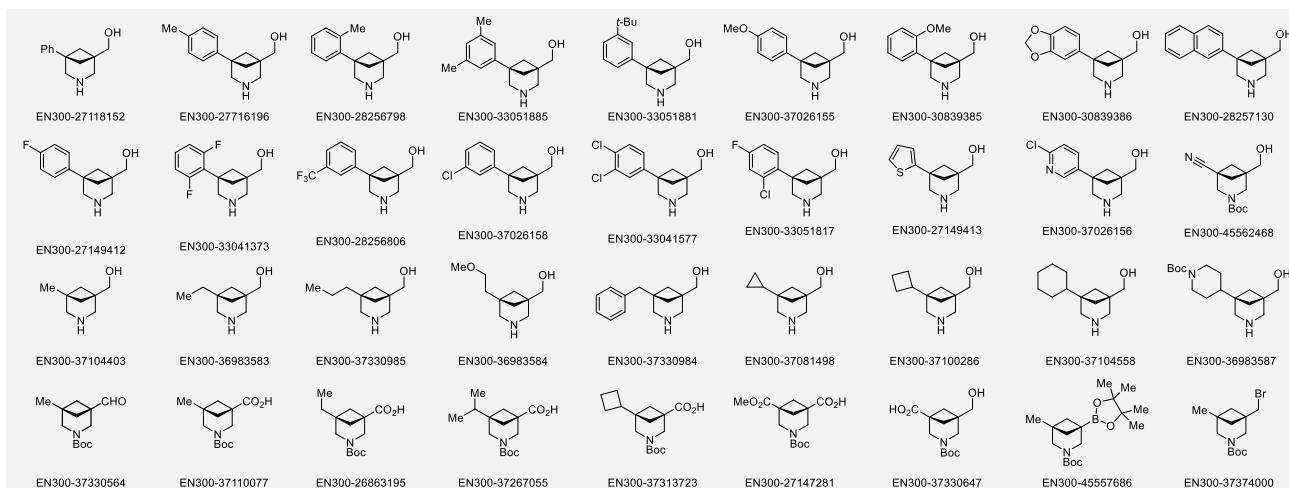
Synthesis



Modifications



Results



Contact

Pavel K. Mykhailiuk, Dr. Sci.
pavel.mykhailiuk@gmail.com, mykhailiukchem.org
Enamine Ltd., www.enamine.net
78 Chervonotkatska St, 02094, Kyiv, Ukraine

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