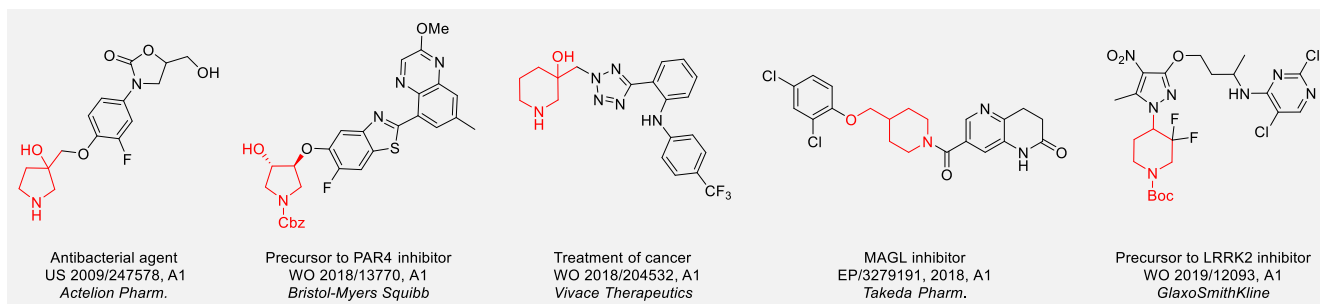


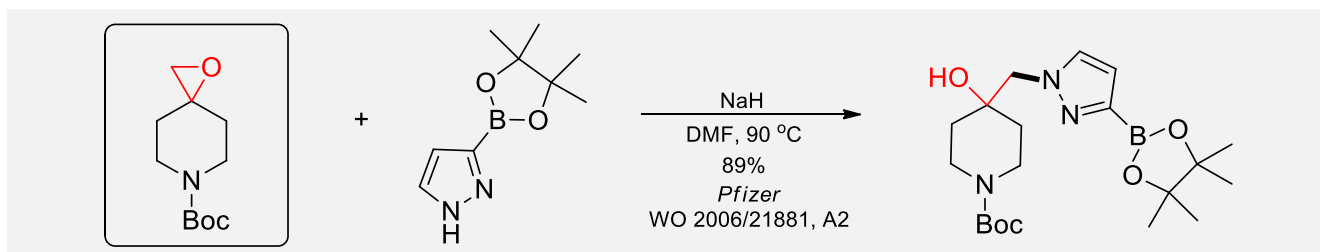
Epoxides for Drug Design

Introduction

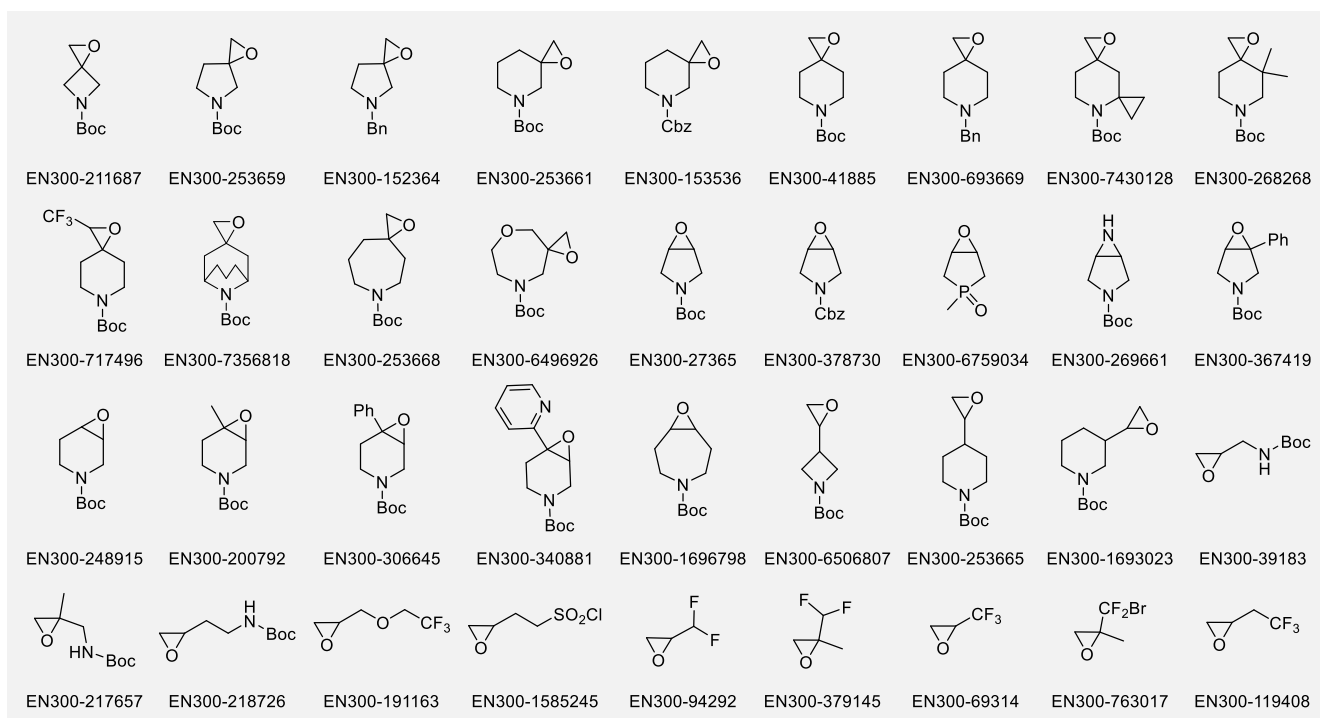
Epoxides are important heterocyclic units found in various naturally occurring molecules, some with potential bioactivities. At least fourteen drugs on the market are epoxide-containing.¹ In addition, epoxides are valuable building blocks in medicinal chemistry. They react with nucleophiles in a ring-opening process to form new C-C, C-O and C-N bonds.²⁻⁵ Herein we have designed and synthesized a library of small heteroaliphatic epoxides for drug design.



Design



We offer >100 unique epoxides on a 5-50 g scale from stock.



References

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5. G. Dake. *Comprehensive Heterocyclic Chemistry III, 1.03 Oxiranes and Oxirenes: Monocyclic*, **2008**, p. 173.



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