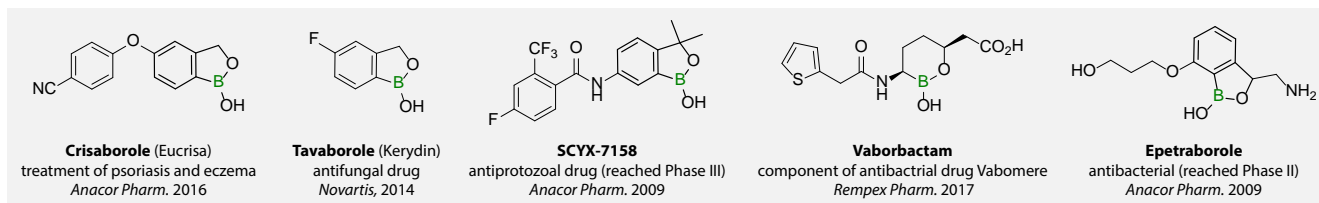


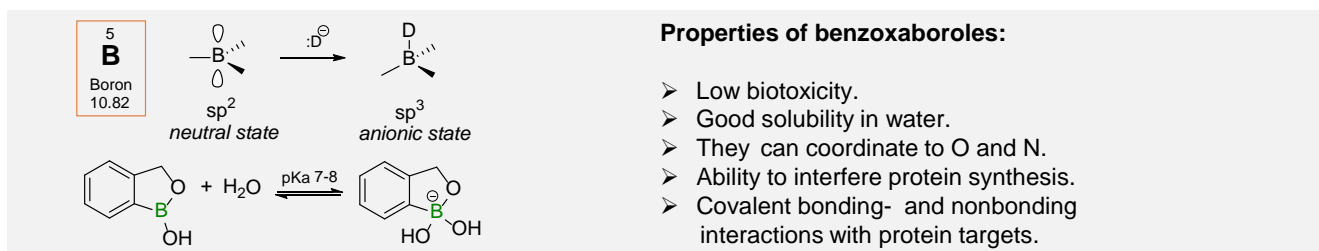
Benzoxaboroles for Drug Design

Introduction

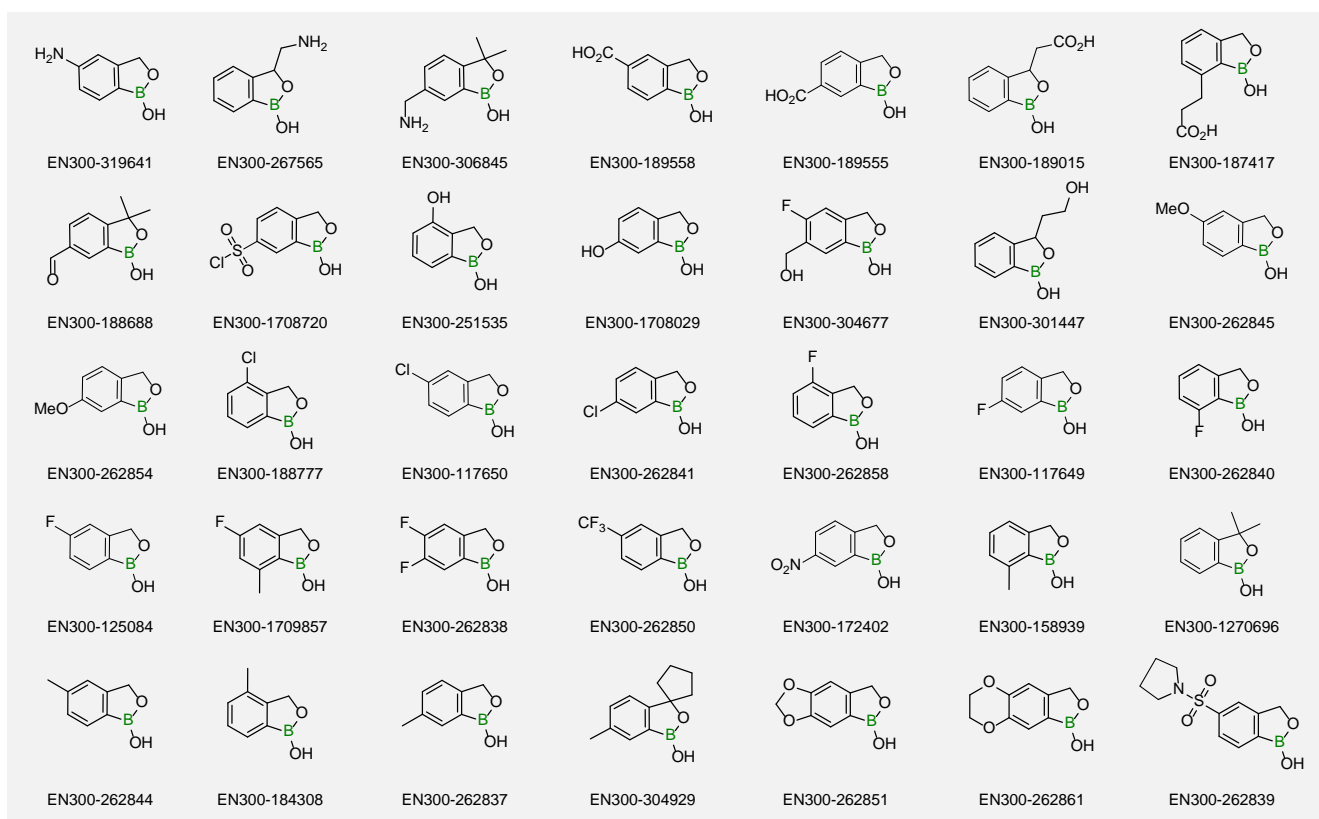
Benzoxaborole is a versatile boron-heterocyclic scaffold which has found in the last 10 years a broad spectrum of applications in medicinal chemistry. The use of benzoxaborole moiety in the design of compounds led to the discovery of new classes of anti-bacterial, anti-fungal, anti-protozoal, anti-viral and as anti-inflammatory agents with interesting drug development perspectives. Two benzoxaborole derivatives are already clinically used for the treatment of onychomycosis (*Tavorole*) and atopic dermatitis (*Crisaborole*), with several others in various phases of clinical trials¹⁻⁹.



Advantages



We offer



References

1. S. J. Baker et al. *Chem. Soc. Rev.* **2011**, 4279.
2. F. L. Rock et al. *Science* **2007**, 1759.
3. T. Akama et al. *Bioorg. Med. Chem. Lett.* **2009**, 2129.
4. X. Li et al. *Bioorganic Med. Chem. Lett.* **2010**, 3550.
5. V. Hernandez et al. *Antimicrob. Agents Chemother.* **2013**, 1394.
6. D. B. Diaz et al. *Nat. Chem.* **2017**, 731.
7. V. M. Dembitsky et al. *Chem. Rev.* **2011**, 209.
8. A. Nocentini et al. *Expert Opin. Ther. Pat.* **2018**, 493.
9. Y. K. Zhang et al. *Bioorg. Med. Chem. Lett.* **2011**, 644.



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