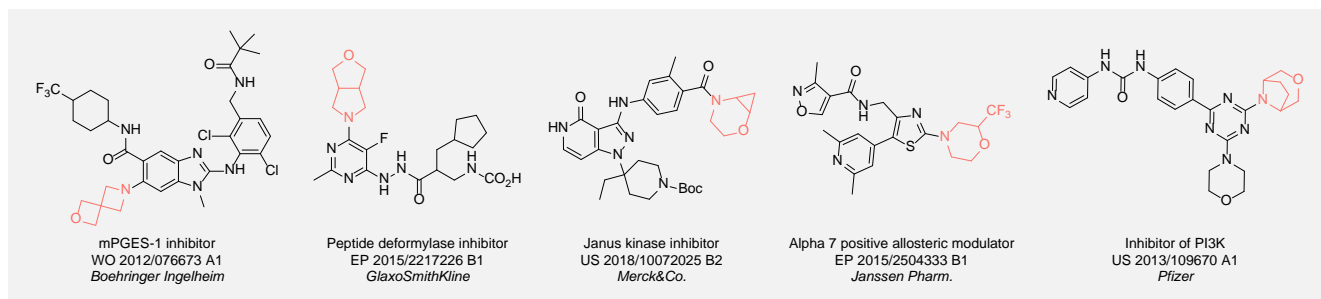


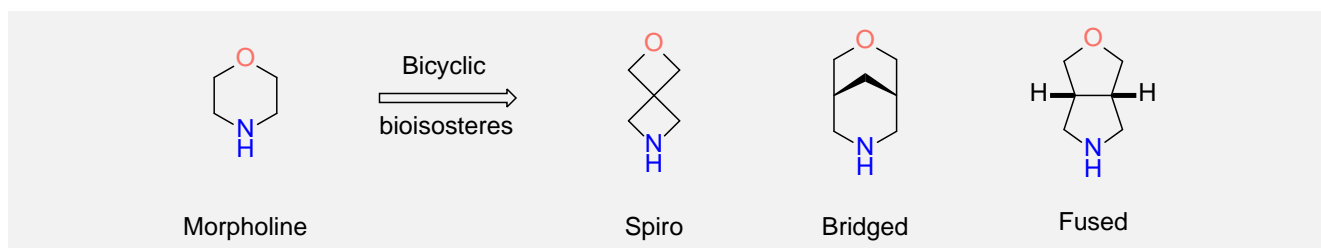
Morpholine Bioisosteres for Drug Design

Introduction

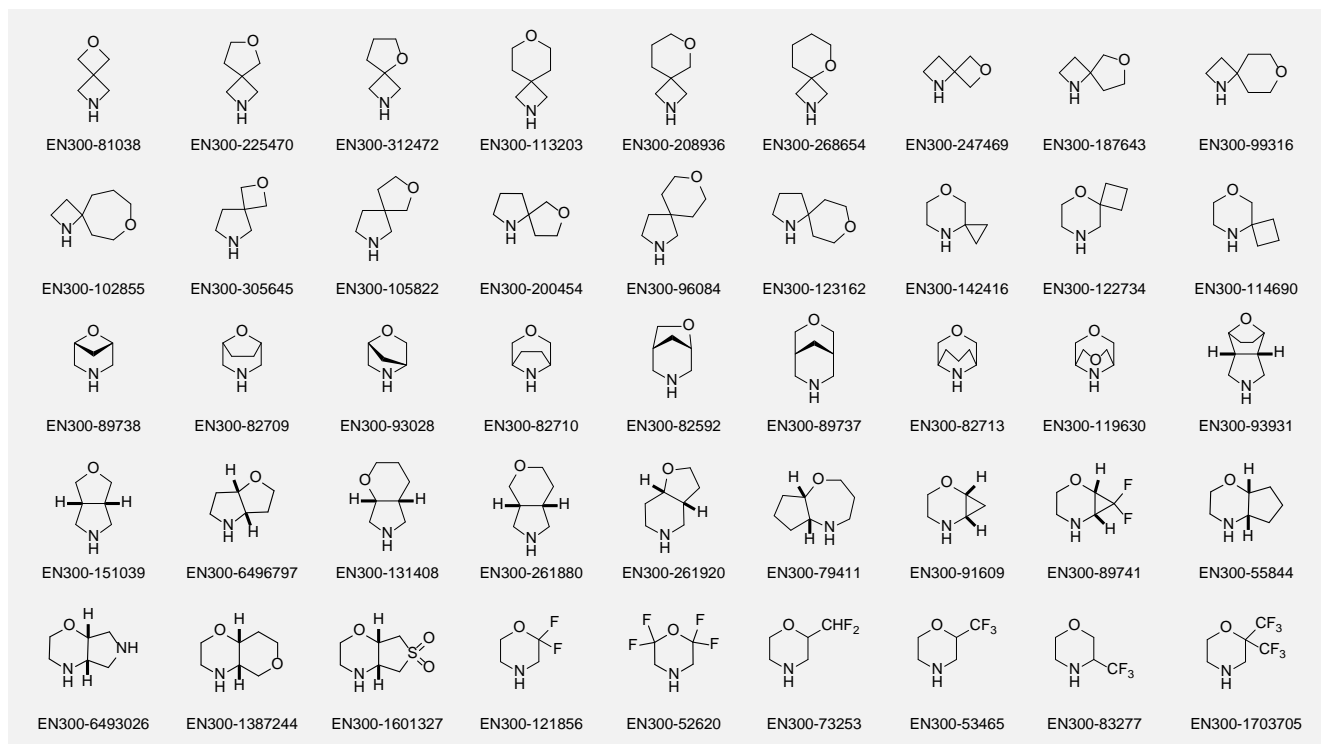
More than 20 FDA-approved drugs contain the morpholine moiety, although it is often metabolically labile.¹ Morpholine-based analogues may advantageously alter important pharmacokinetic properties such as lipophilicity and metabolic stability when grafted onto molecular scaffolds.^{2,3} Herein we have designed and synthesized a library of morpholine analogues for drug design.⁴⁻⁶



Design



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



References

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4. A. Shcherbatyuk et al. *Tetrahedron* **2013**, 3746.
5. A. D. Tereshchenko et al. *Tetrahedron* **2017**, 750.
6. A. Kirichok et al. *Chem. Eur. J.* **2018**, 5444.



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E-mail : info@namiki-s.co.jp
TEL(本社) : 03-3354-4026
TEL(大阪支店) : 06-6231-5444