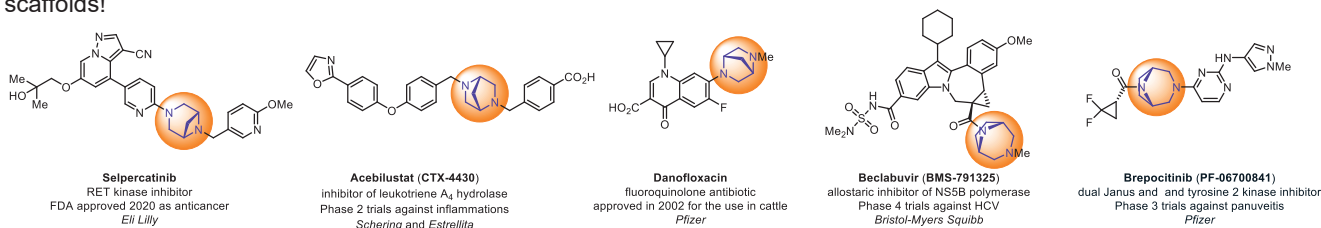


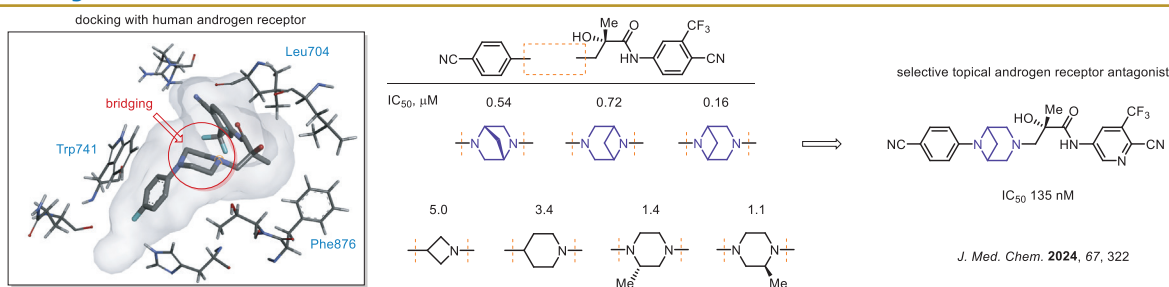
Bridged Piperazines for Drug Discovery

Introduction

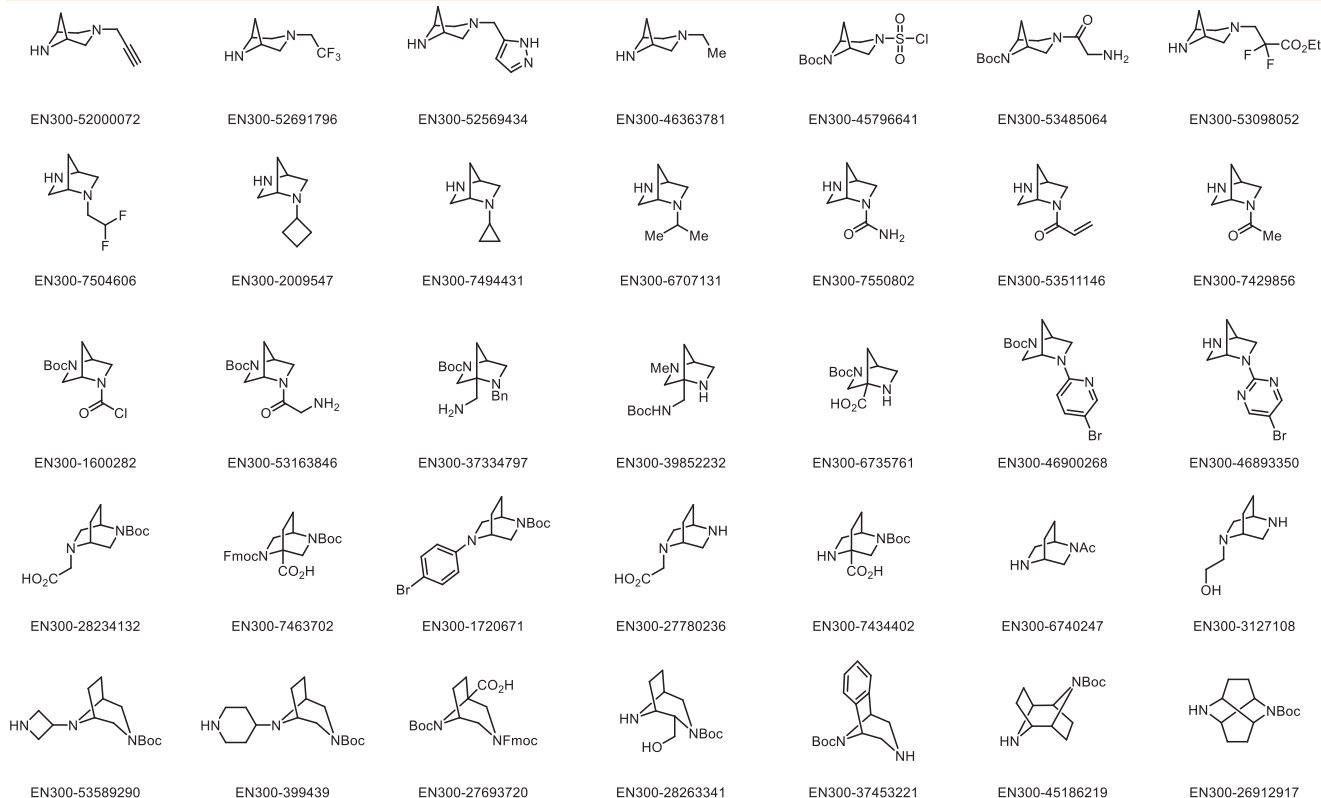
Bridging has demonstrated exceptional success in optimizing piperazine linkers across a range of drugs and lead molecules.¹ These structural motifs effectively constrain molecular conformation variability, achieving this with only a minimal increase in molecular volume and weight.^{2,3} Interestingly, recent studies reveal that bridging can, somewhat counterintuitively, reduce a compound's lipophilicity even as molecular weight increases.⁴ Try Enamine's collection of bridged piperazine molecular scaffolds!



Case study



We offer: over 100 bridged piperazines from stock on 5-10 gram scale.



References

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2. X. Wang et al. *J. Med. Chem.* **2025**, 68, 13990.
3. Z. Bian et al. *J. Med. Chem.* **2025**, 68, 14357.
4. S. Degorce et al. *J. Med. Chem.* **2018**, 61, 8934.



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