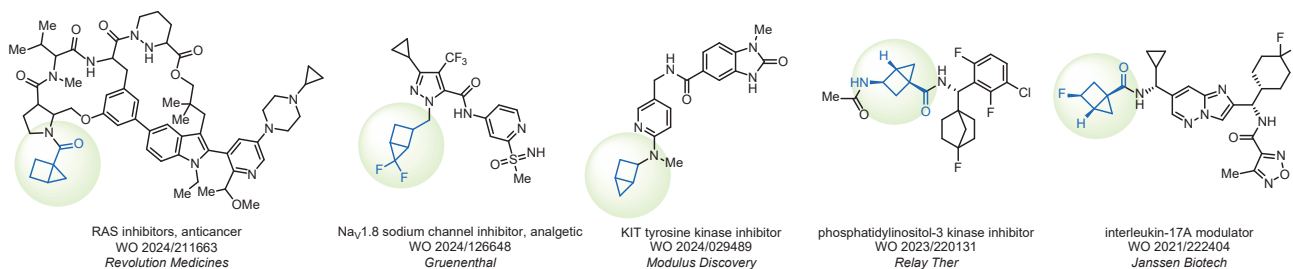


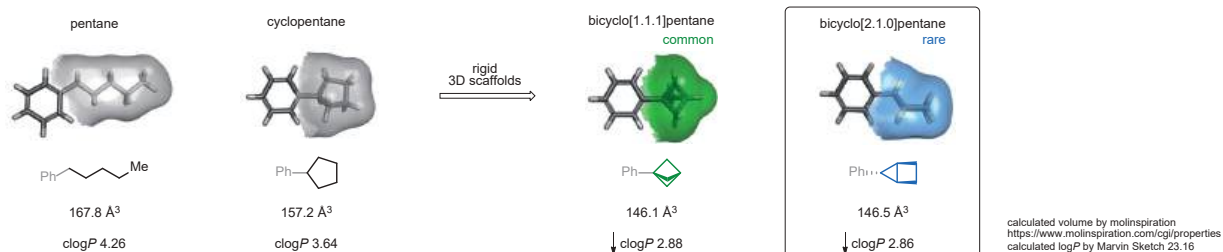
Housane – A Unique 3D Scaffold

Introduction

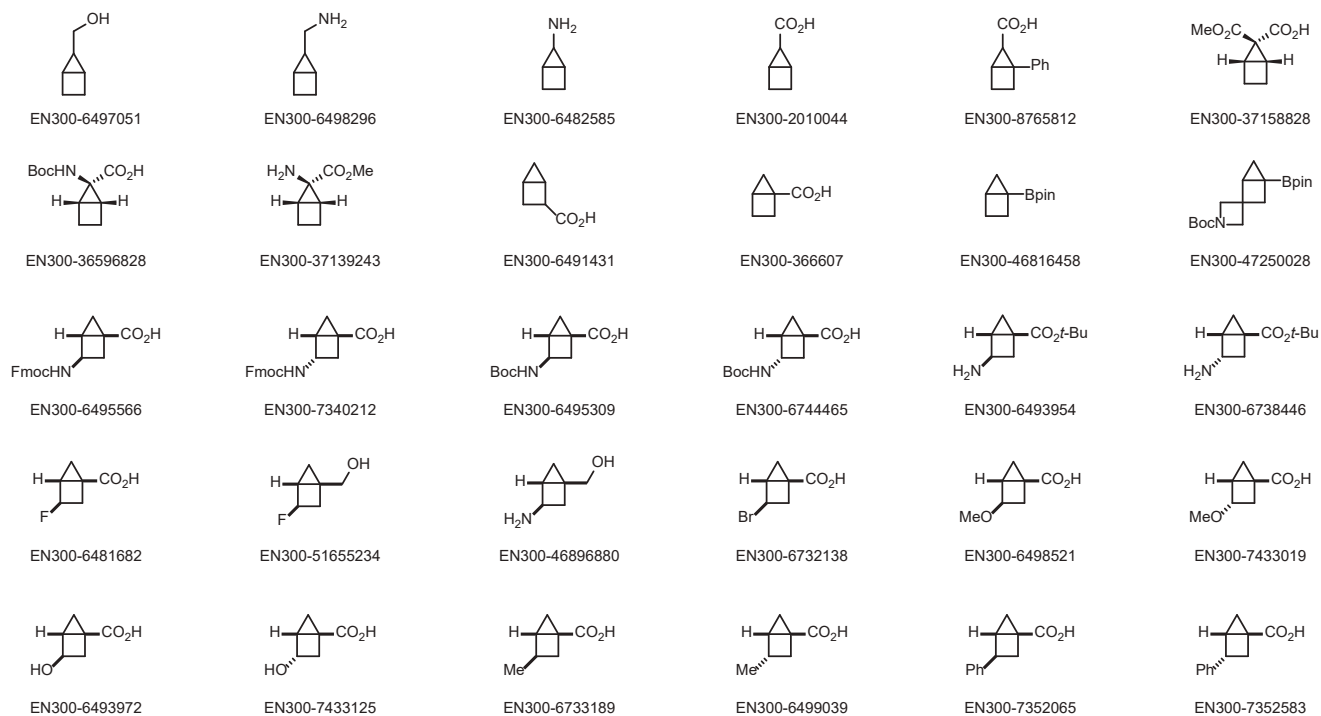
Saturated 3D scaffolds are widely used in pharmaceutical design. Their small size and high sp^3 character aid in evading metabolic clearance, improving drug pharmacokinetics.¹ Among these, bicyclo[1.1.1]pentane has proven particularly effective as a substituent and in isosteric replacements.²⁻⁴ However, its isomer, bicyclo[2.1.0]pentane (housane), has remained largely unexplored. Recently, interest in this motif has been growing, though only in patents. Be among the first to incorporate this unique structure in your work – explore our collection of bicyclo[2.1.0]pentane building blocks.



Concept



We offer: more than 25 bicyclo[2.1.0]pentanes from stock on a 5-10 g scale.



References

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4. V. Ripenko et al. *Nat. Synth.* **2024**, doi: 10.1038/s44160-024-00637-y.



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