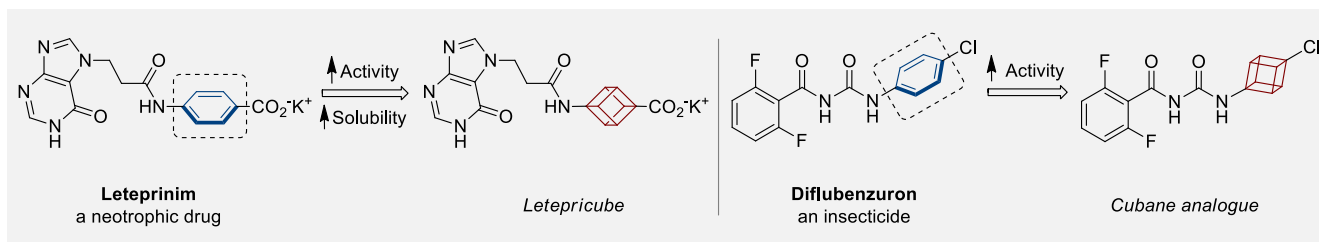


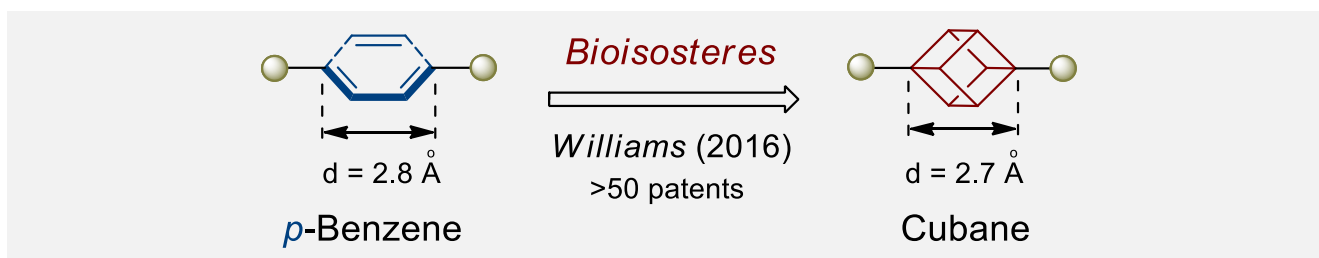
Cubanes for Medicinal Chemistry

Introduction

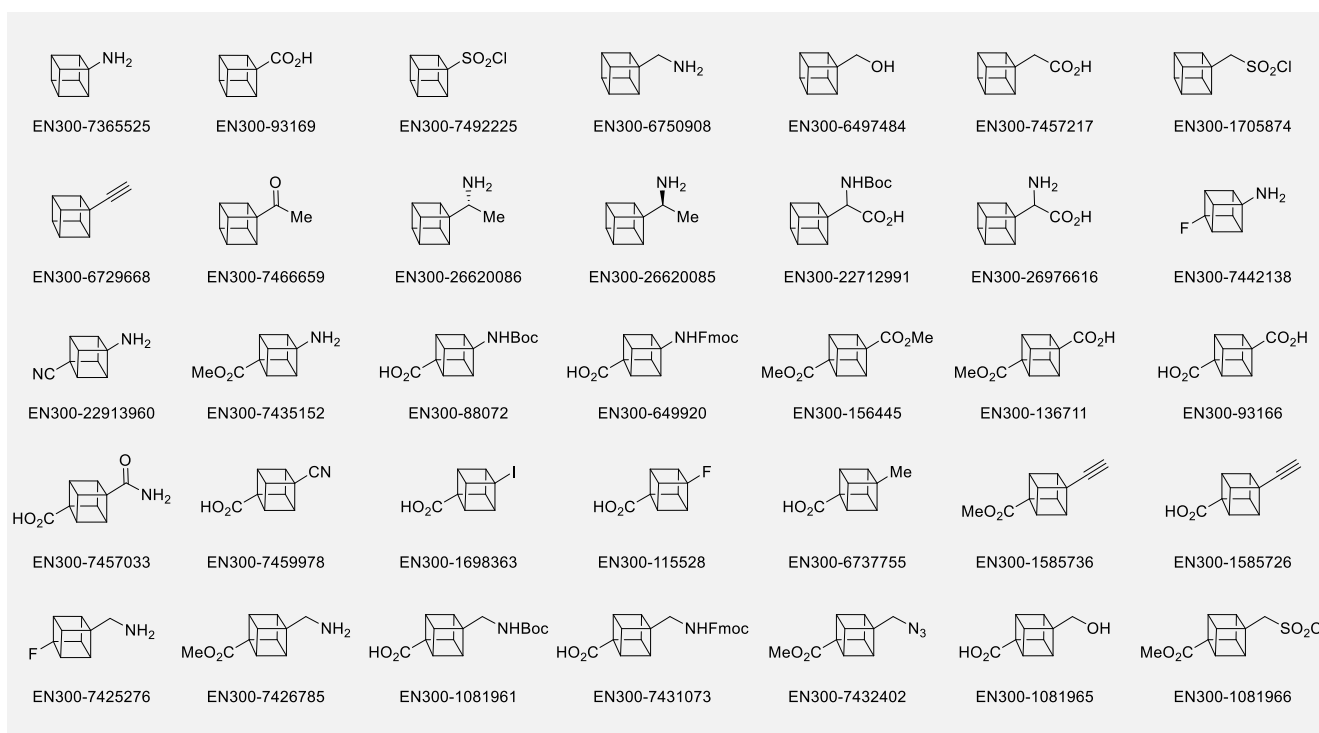
In 1992, Eaton predicted a high potential of cubane in a pharmaceutical research as a bioisoster of benzene, based on their similarity in size. In 2016, Williams and collaborators showed that replacing a benzene ring in the neurotropic compound *Leteparinim* with cubane beneficially affected activity and solubility of the parent compound. The cubane analogue significantly outperformed pesticide *Diflubenzuron*. Since then the cubane-containing building blocks have been playing an important role in medchem projects, as mimics for the *para*-substituted benzene ring. In this context, *Enamine* offers a library of cubane-containing building blocks for drug design.¹⁻⁶



Concept



We offer: cubane-containing building blocks from stock on a 5-10 g scale.



References

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