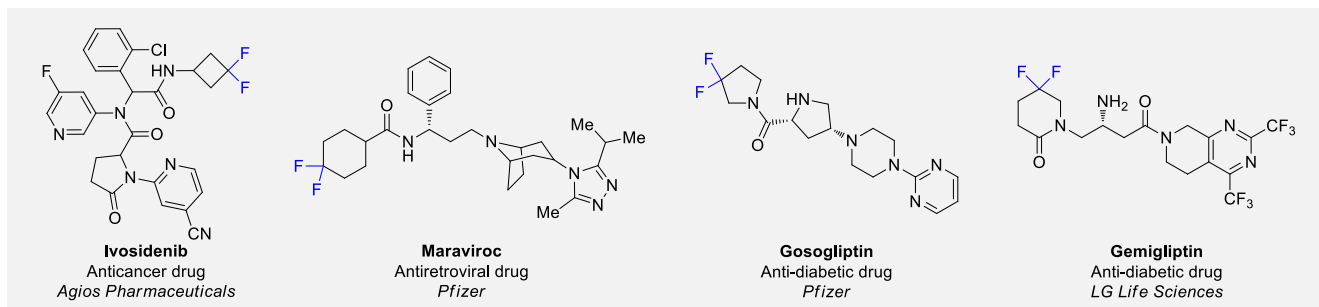


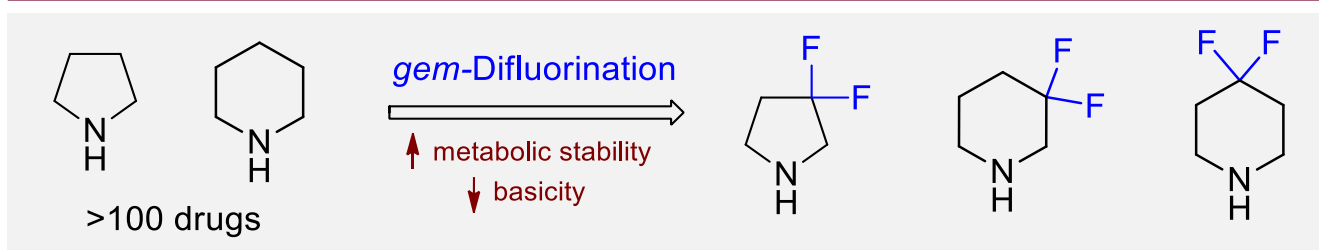
gem-Difluorinated Amines for Drug Design

Introduction

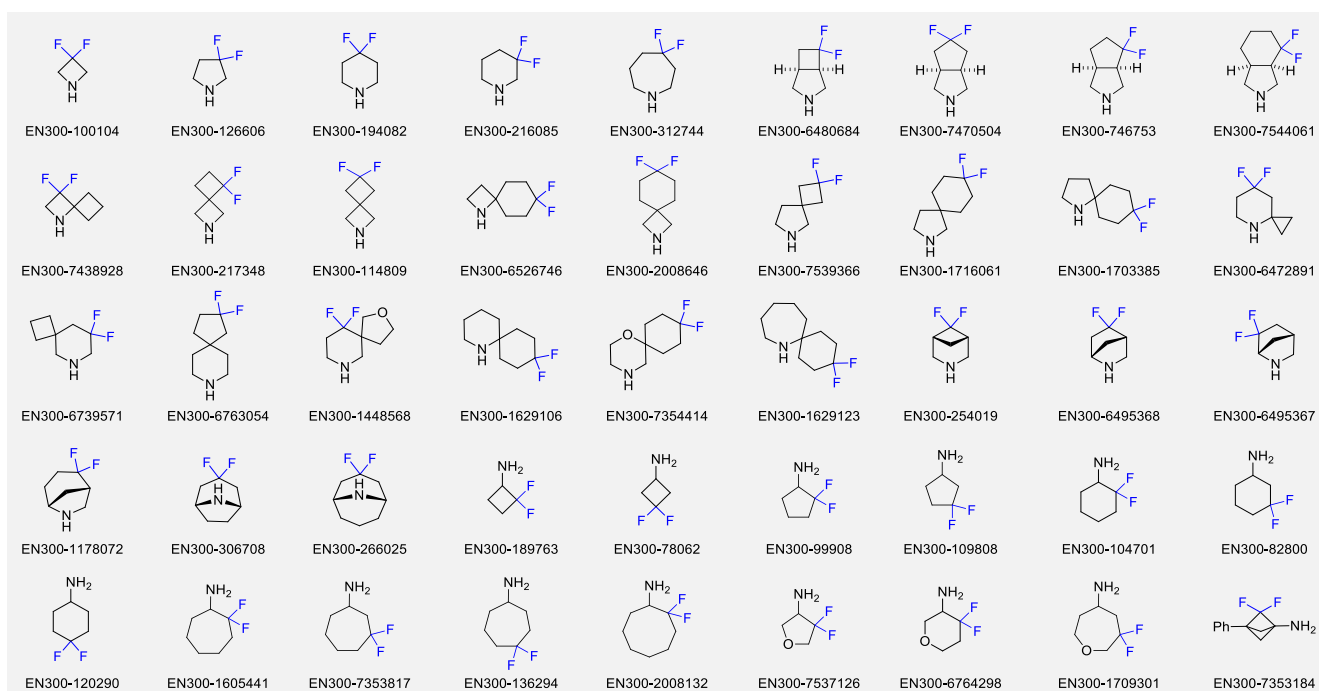
Fluorinated derivatives play an important role in medicinal chemistry. The selective incorporation of a fluoroalkyl group into bioactive compounds often affects their binding affinity, metabolic stability, lipophilicity, membrane permeability and bioactivity. *gem*-Difluoromethylene group (CF₂) is a valuable fluorinated motif that is present in pharmaceuticals and biologically active compounds. In particular, *gem*-CF₂ group improves ADME- and PK-properties.¹⁻⁶ In this context, *Enamine* offers a library of unique difluoro-substituted cyclic amines for drug design.



Concept



We offer: >100 *gem*-difluorinated amines on gram-scale from stock.



References

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