

A Leap Toward Incorporating Oxetane Core into MedChem Relevant Compounds

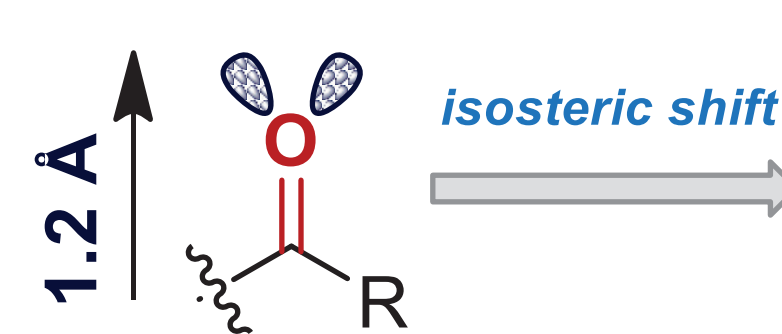
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Status quo of oxetane core in MedChem research

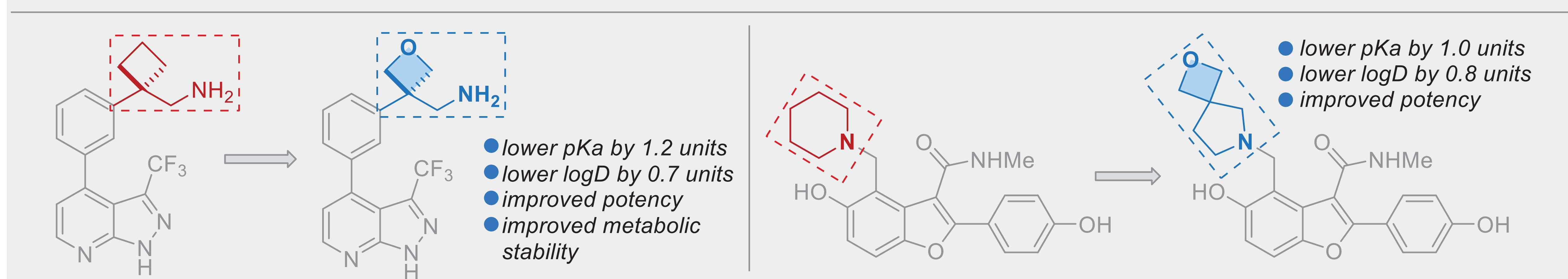
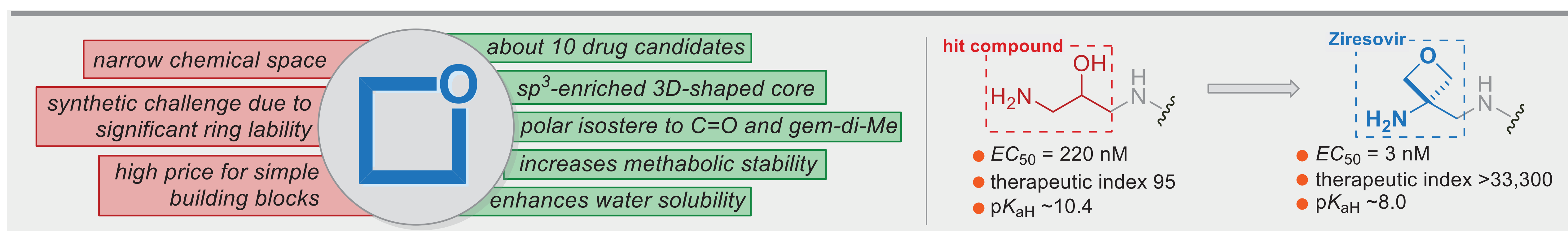
OXETAN'S MEDICINAL CHEMISTRY PROSPECTS



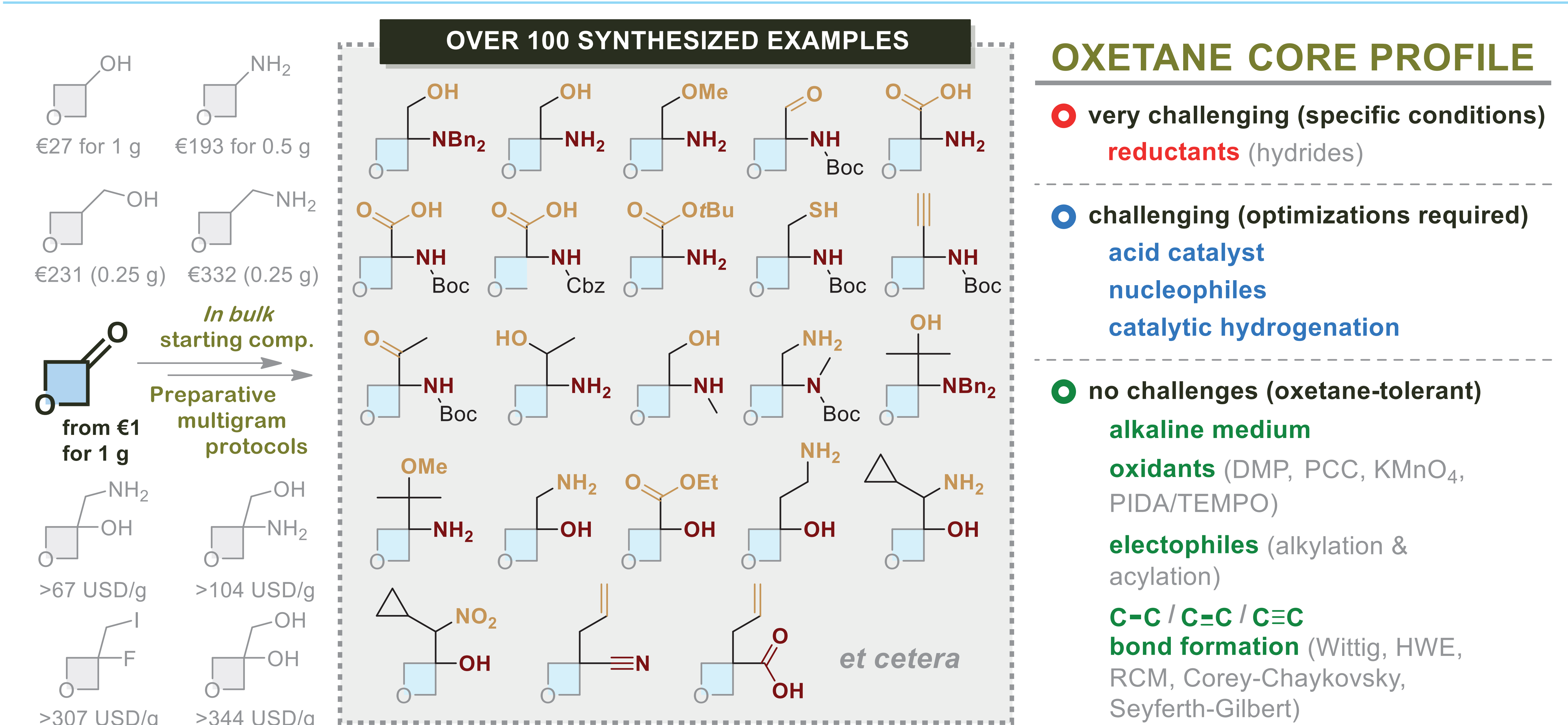
- increases metabolic stability
- adds to three-dimensionality
- lowers logD



- improves chemical and metabolic stability
- adds to three-dimensionality
- increases water solubility
- isostere for ketones, carboxylic acids and their derivatives (depending on R)

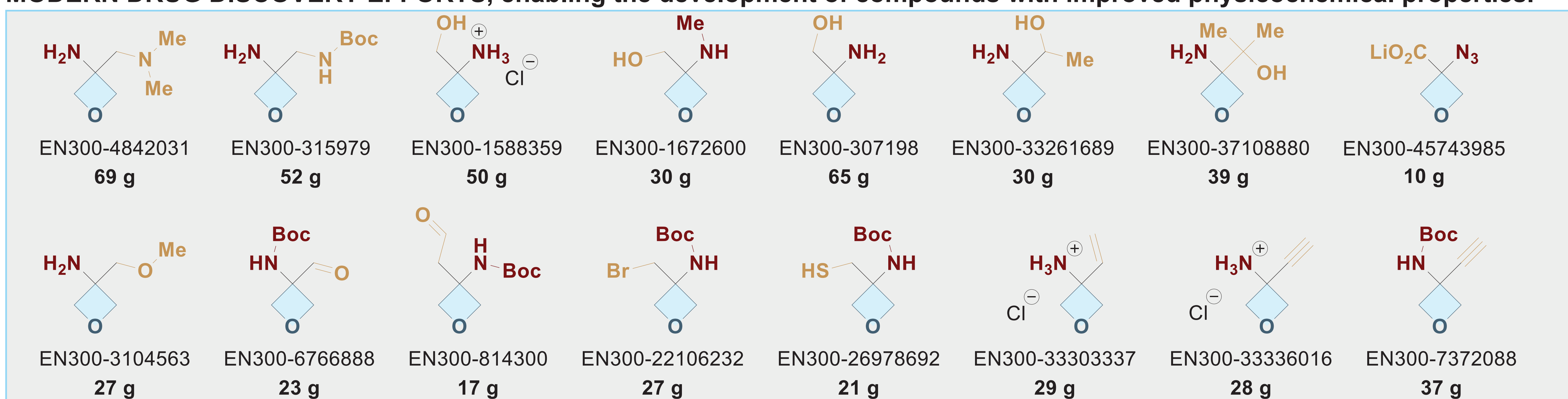


Synthetic results



Showcasing in stock examples

Our findings should FACILITATE THE INCORPORATION OF OXETANE CORE IN MEDICINAL CHEMISTRY AND OPEN IT FOR MODERN DRUG DISCOVERY EFFORTS, enabling the development of compounds with improved physicochemical properties.



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