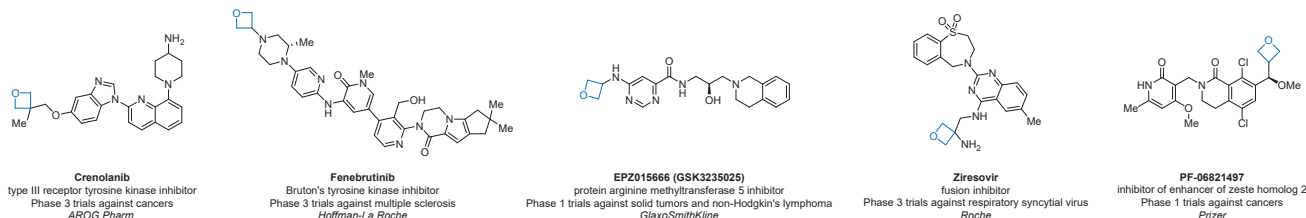


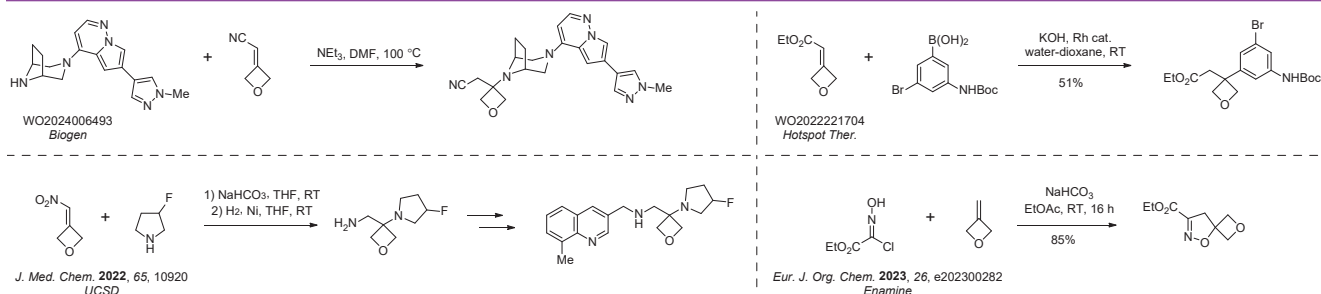
# Oxetane-incorporating Building Blocks

## Introduction

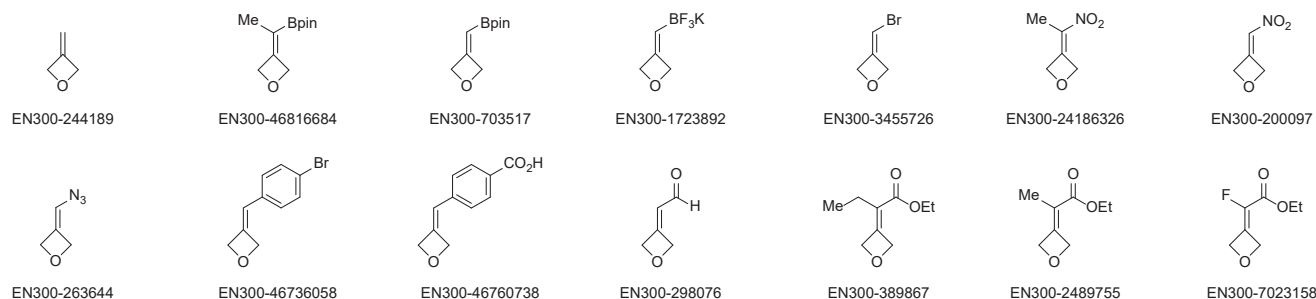
Increasing numbers of drug candidate molecules contain oxetane moieties, which are compact fragments with beneficial effects on the  $sp^3$  content and lipophilicity of molecules. Reagents for incorporating oxetanes into complex organic molecules are in high demand. Methyleneoxetanes are simple and versatile compounds that enable the construction of non-chiral oxetanes through standard as well as innovative organic reactions.<sup>1,2</sup> Enamine scientists have prepared some of those reagents and even developed novel transformations with them.<sup>3,4</sup>



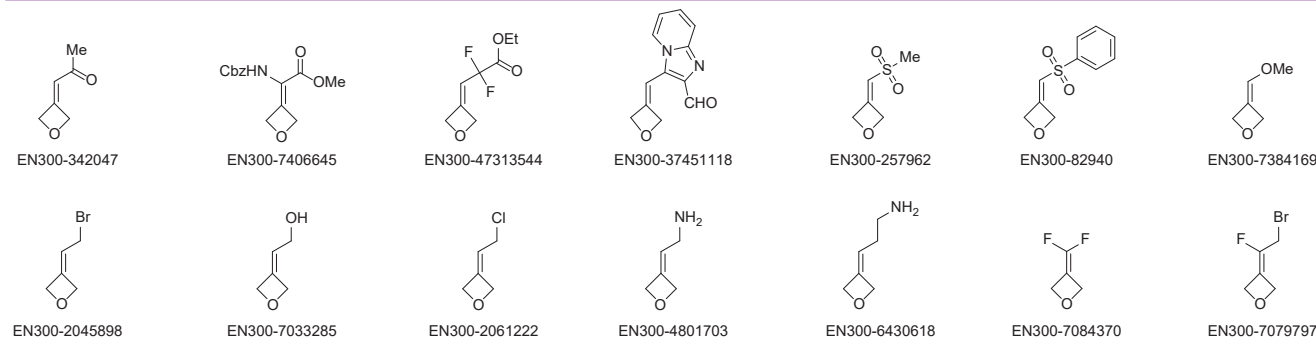
## Reactions



**We offer:** over 20 methyleneoxetanes from stock on 5-10 gram scale.



**Pre-order:** methyleneoxetanes that are ready to be synthesized upon request.



## References

1. N. Powell et al. *Chem. Commun.* **2014**, 50, 8797  
2. S. Green et al. *J. Am. Chem. Soc.* **2018**, 140, 11317.

3. B. Chalyk et al. *Eur. J. Org. Chem.* **2023**, 26, e202300282  
4. B. Chalyk et al. *Org. Lett.* **2024**, 26, 2888.



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