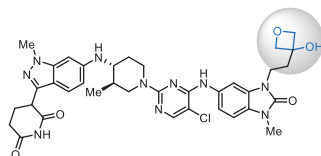


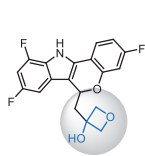
# Aliphatic Isosteres of Carboxylic Acids

## Introduction

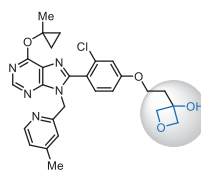
Replacing carboxylic acids with bioisosteres can enhance permeability and minimize unwanted metabolic transformations, such as the formation of acyl glucuronides and coenzyme A esters.<sup>1</sup> Beyond classical analogues like tetrazoles,<sup>2</sup> aliphatic alternatives have also been developed. Showcasing this concept, oxetan-3-ol and thietan-3-ol fragments have been evaluated as carboxylic acid isosteres, demonstrating both improved permeability and retention of target potency.<sup>3</sup>



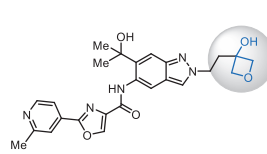
modulator of B cell lymphoma 6  
WO 2025/096771  
Bristol Myers Squibb



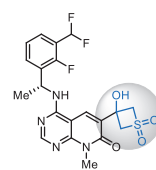
inhibitor of apolipoprotein L1  
WO 2025/06262  
Omniab



inhibitor of microhomology-mediated end joining pathway  
WO 2024/201368  
AstraZeneca

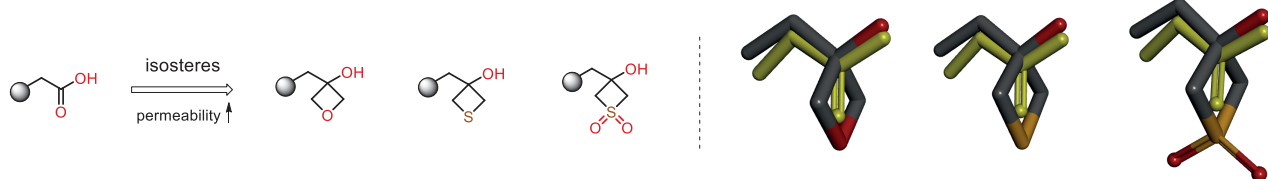


inhibitor of FMS-like tyrosine kinase 3  
WO 2023/116866  
Hangzhou Polymed Biopharm

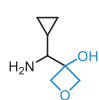


inhibitor of son of sevenless homolog 1  
WO 2022/240947  
Revolution Med.

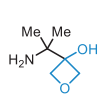
## Concept



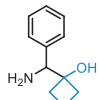
**We offer:** over 100 oxetan-3-ol/thietan-3-ol carboxylic isosteres from stock on 5-10 gram scale.



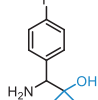
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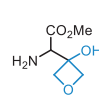
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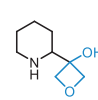
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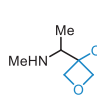
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EN300-52035947



EN300-27192832



EN300-27192834



EN300-2499833



EN300-6297616



EN300-37399261



EN300-393678

## References

1. N. Meanwell. *J. Agric. Food Chem.* **2023**, *71*, 18087
2. Y. Zhou et al. *J. Med. Chem.* **2025**, *68*, 15446.

3. P. Lassalas et al. *ACS Med. Chem. Lett.* **2017**, *8*, 864.



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