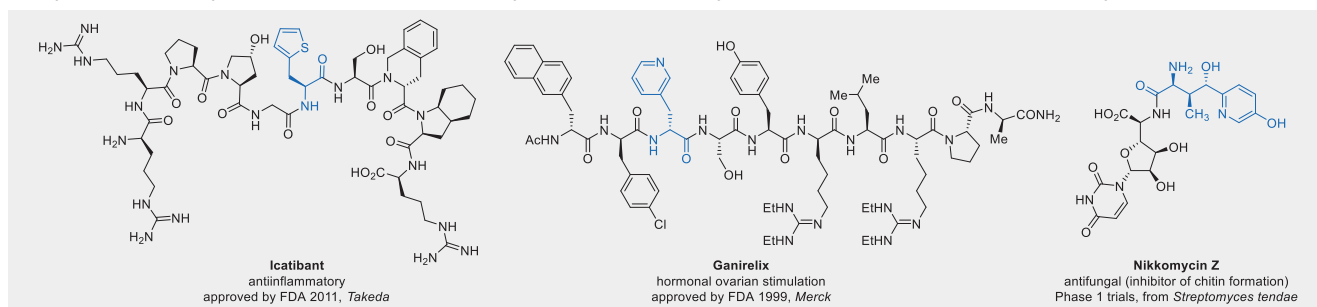


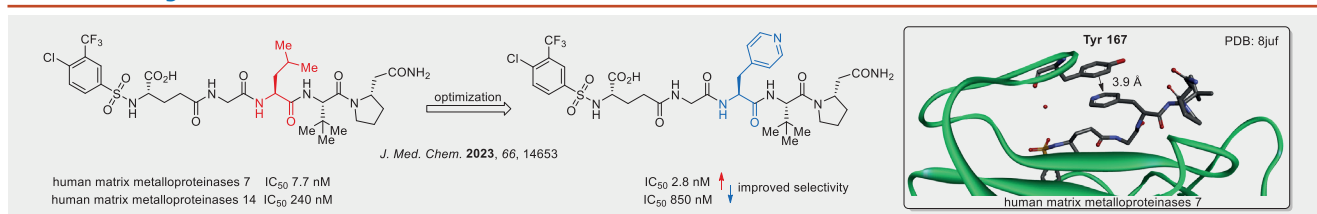
# Heteroaromatic Amino Acids

## Introduction

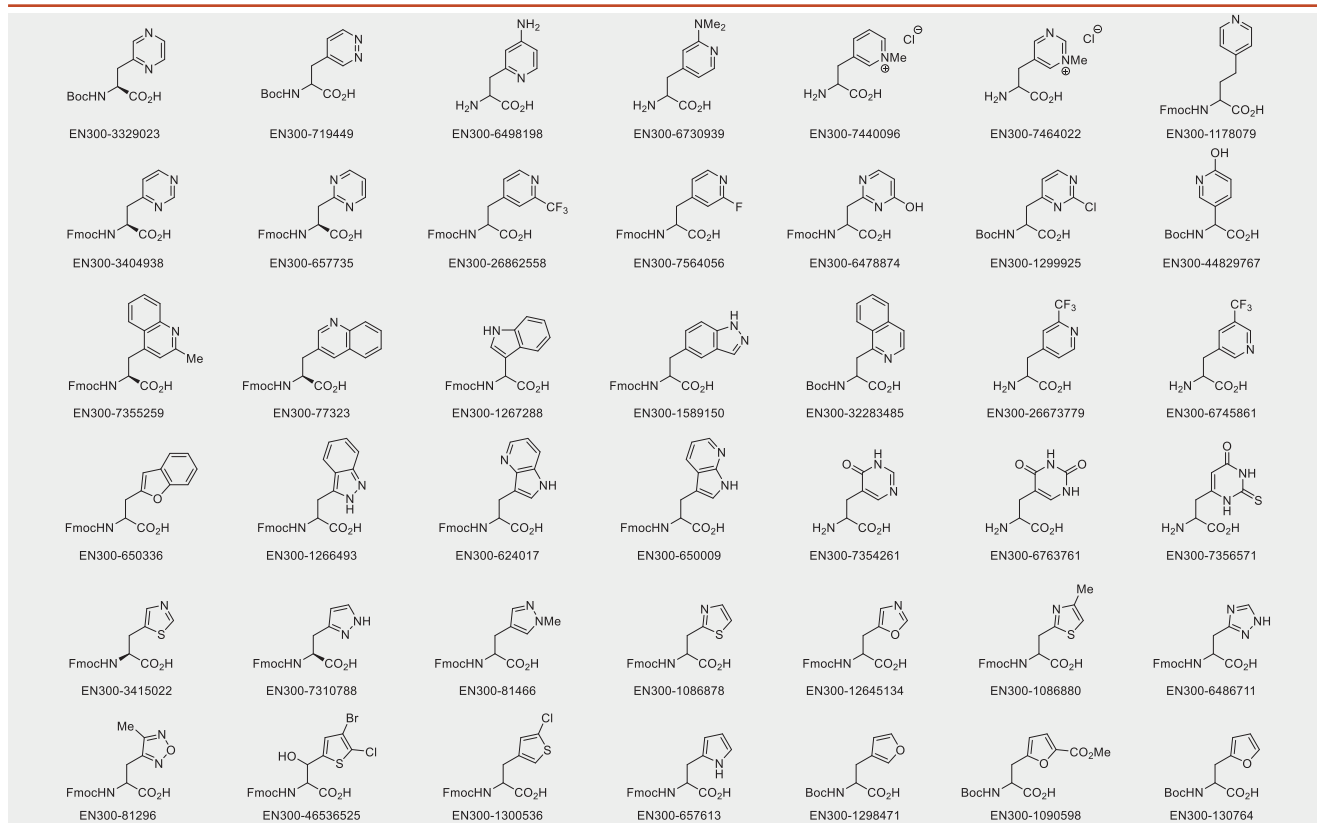
$\pi$ -Stacking is one of the major non-covalent interactions involved in drug affinity to their protein targets. Introduction of heteroaromatic residues allows fine tuning on the  $\pi$ -stacking with aromatic residues.<sup>1-3</sup> In addition, heteroatoms introduce previously non-existent hydrogen bond sites in the structures.<sup>4</sup> We have synthesized a library of heteroaromatic amino acids. Many are previously unknown and available only from Enamine. Try our heteroaromatic amino acids in your research!



## Case study



**We offer:** over 100 heteroaromatic amino acids from stock on 5-10 gram scale.



## References

1. K. Abe-Sato *et al.* *J. Med. Chem.* **2023**, *66*, 14653.
2. A. Bootsma *et al.* *J. Am. Chem. Soc.* **2019**, *141*, 11027

3. L. Dubois *et al.* *J. Med. Chem.* **2020**, *63*, 8231.
4. J. González *et al.* *J. Chem. Inf. Model.* **2020**, *60*, 5499.



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