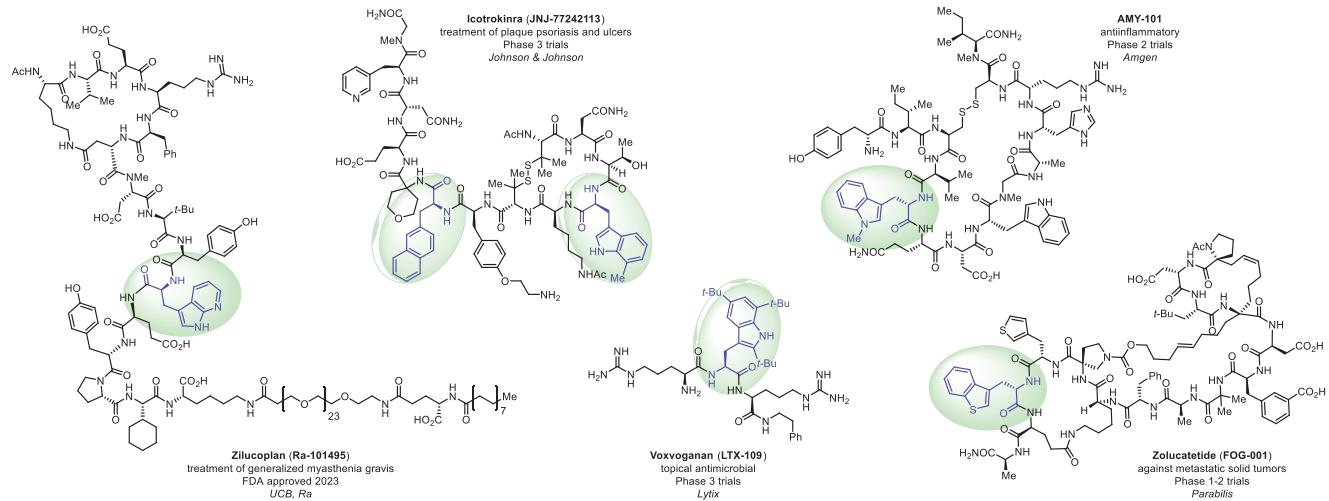


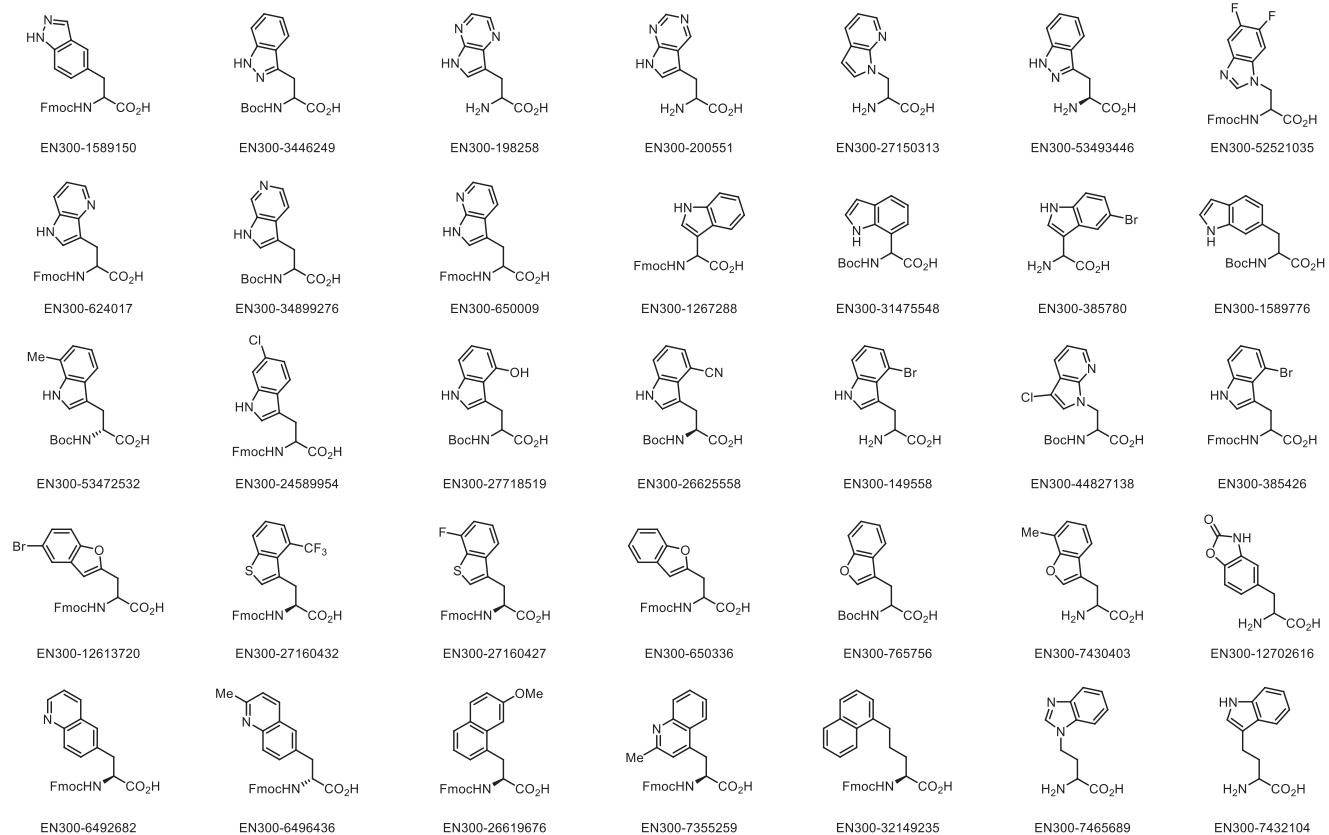
Tryptophan Analogues

Introduction

Tryptophan residues are structurally unique in bioactive peptides, thanks to their ability to engage in π -stacking interactions and undergo targeted chemical modifications.^{1,2} By leveraging these distinctive properties, medicinal chemists have developed a range of tryptophan analogue-based drugs, few of which are now advancing through clinical trials.^{3,4} These innovations highlight the potential of tryptophan analogues to fine-tune and amplify the functional properties of this essential amino acid. Discover our latest collection of tryptophan analogues designed to optimize the performance of your bioactive peptides and peptide-derived molecules.



We offer: over 100 tryptophan analogues from stock on 5-10 gram scale.



References

1. J. Shao et al. *J. Am. Chem. Soc.* **2022**, *144*, 13815.
2. Q. Gan and C. Fan. *Chem. Rev.* **2024**, *124*, 2805.

3. G. Tang et al. *Front. Immunol.* **2023**, *14*, 1213920.

4. A. Fourie et al. *Sci. Rep.* **2024**, *14*, 17515.

