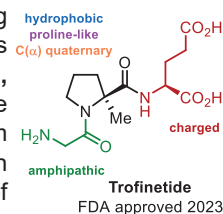


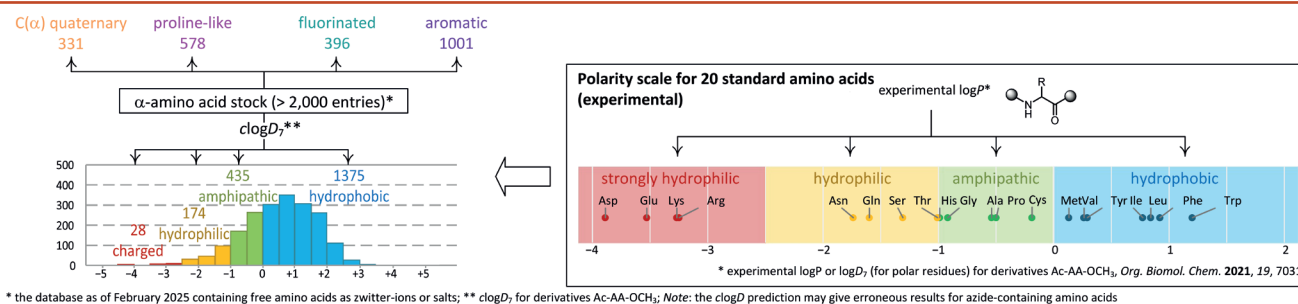
Unnatural α -Amino Acids

Introduction

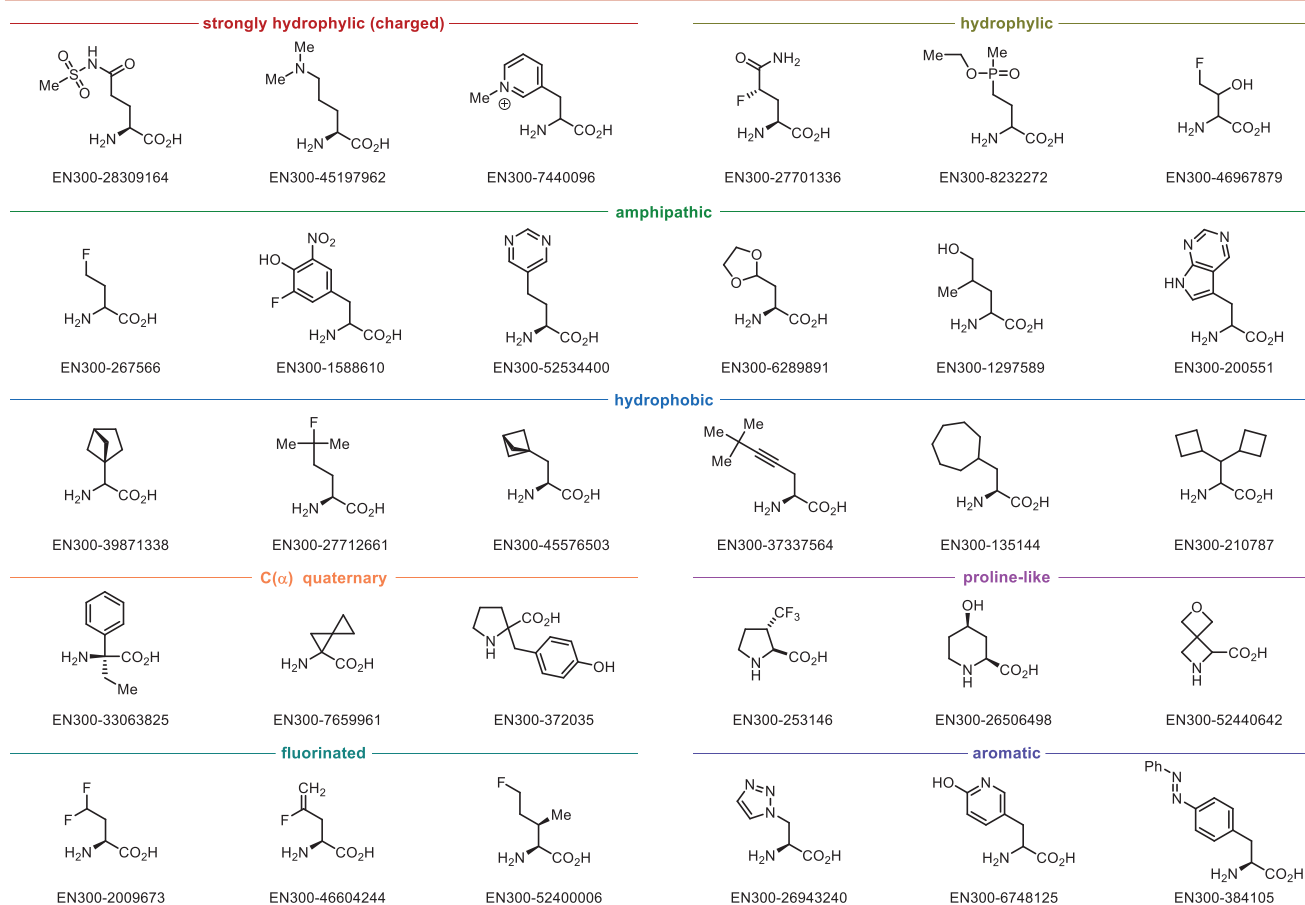
Chemically diverse α -amino acids are essential components in screening campaigns and for generating libraries of bioactive molecules.¹⁻³ Recently, we updated our α -amino acid stock library, which contains over 2,000 structures, by introducing subclasses. We categorized **aromatic**, **proline-like**, **fluorinated**, and **C(α) quaternary** amino acids into distinct subclasses. Additionally, we sorted the database according to the calculated numerical lipophilicity values (clogD_7) of their side chains and grouped them as **strongly hydrophilic (charged)**, **hydrophilic**, **amphipathic**, and **hydrophobic**, using an experimental $\log P$ scale for the 20 common amino acids.⁴ Explore our newly updated database of α -amino acids.



Classification



We offer: over 2,000 α -amino acids from stock sorted by subclasses.



References

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