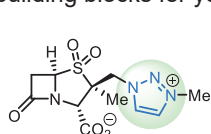


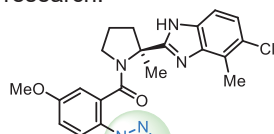
# 1,2,3-Triazoles

## Introduction

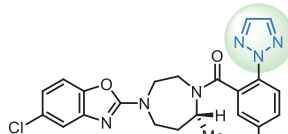
Triazoles are increasingly used in drug design due to their low lipophilicity, compact size, and weak basicity, making them excellent alternatives to other aromatic systems such as phenyl and azole rings.<sup>1,2</sup> 1,2,3-Triazoles offer the additional benefit of poor iron ion coordination, reducing off-target inhibition of cytochrome P450.<sup>3,4</sup> *N*-Alkylation is key to preventing tautomerization and defining the triazole fragment's dipole moment.<sup>2</sup> Explore our collection of *N*-alkyl/aryl 1,2,3-triazole building blocks for your research.



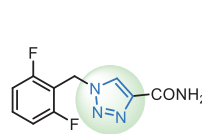
**Enmetazobactam**  
antibiotic  
FDA approved 2024  
Orchid Pharma



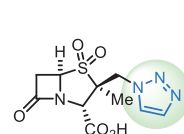
**Daridorexant**  
treatment of insomnia  
FDA approved 2022  
Indorsia



**Suvorexant**  
treatment of insomnia  
FDA approved 2014  
Merck

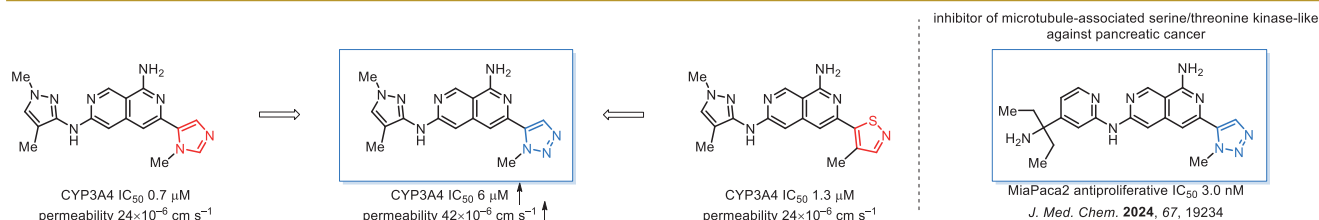


**Rufinamide**  
anti-seizure drug  
FDA approved 2008  
Novartis

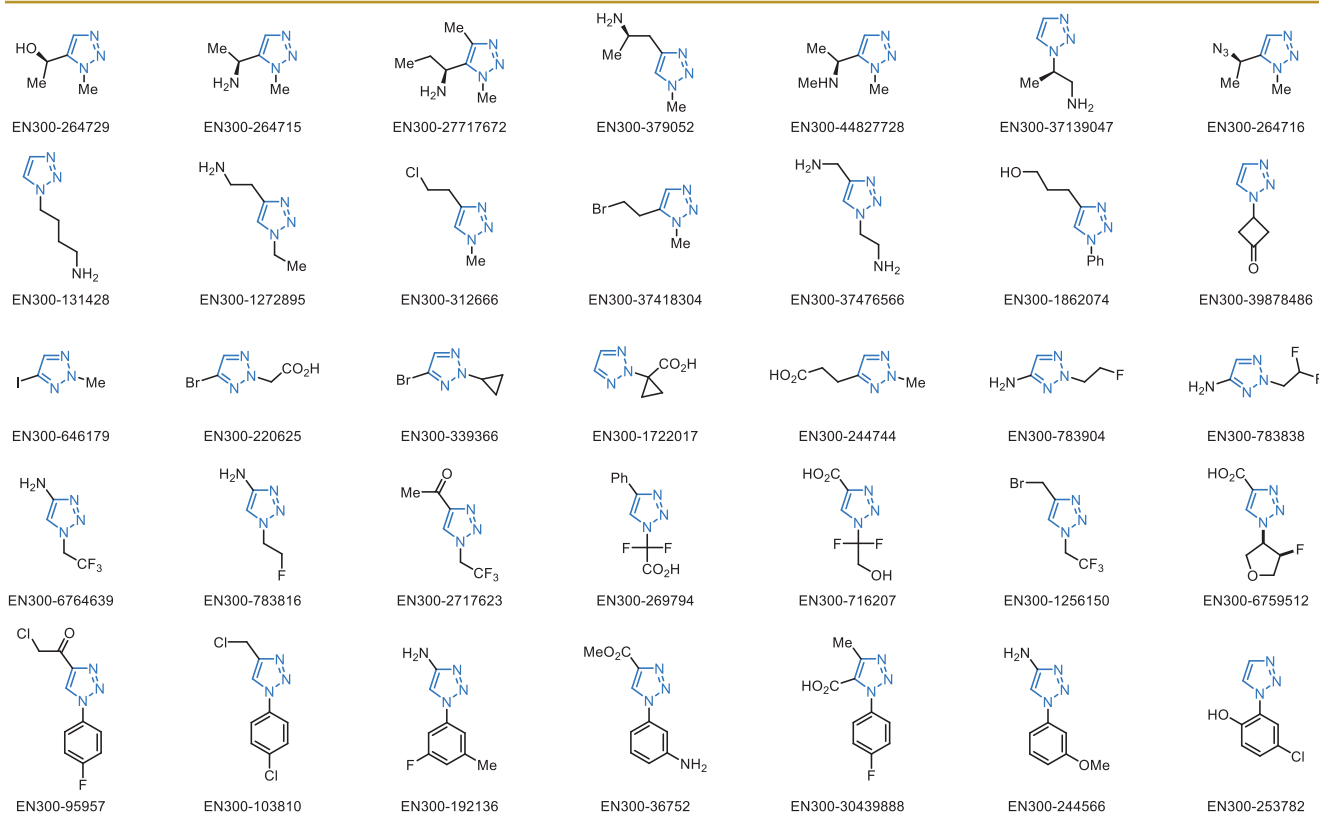


**Tazobactam**  
antibiotic  
FDA approved 1993  
Taiho Pharm

## Case study



**We offer:** over 1,000 *N*-alkyl/aryl 1,2,3-triazoles from stock on 5-10 gram scale.



## References

1. C. Marshall et al. *J. Med. Chem.* **2024**, 67, 11622.
2. Q. Guan et al. *J. Med. Chem.* **2024**, 67, 7788.

3. R. Gallego et al. *J. Med. Chem.* **2024**, 67, 19234.
4. K. Conner et al. *Biochemistry* **2012**, 51, 6441.



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