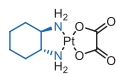


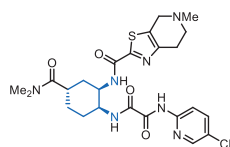
# Cyclic 1,2-Diamine Scaffolds

## Introduction

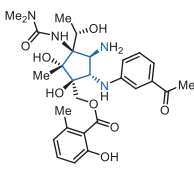
1,2-Diamines, including piperazines, are versatile chemical scaffolds widely used in medicinal chemistry. Restricting their molecular shapes by fusion with saturated cycles allows for the exploration of a range of molecular geometries.<sup>1-4</sup> Here, we assembled a collection of fused and open-chain 1,2-diamines and piperazines for use in drug discovery campaigns.



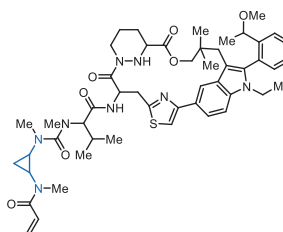
**Oxaliplatin**  
chemotherapy agent  
FDA approved 2004 against colorectal cancer  
generic drug



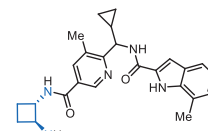
**Edoxaban**  
factor Xa inhibitor  
FDA approved 2015 as anticoagulant  
Daiichi Sankyo



**Pactamycin**  
blocker of ribosomal E-site  
antitumor antibiotic  
from *Streptomyces pactum*

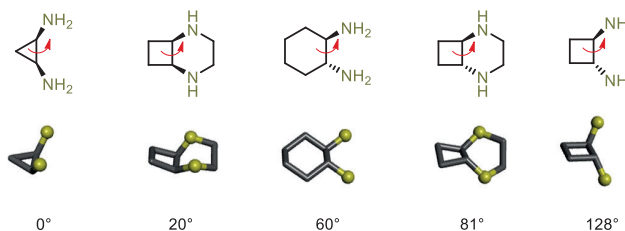
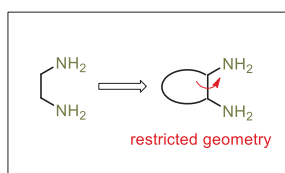


renin-angiotensin system inhibitor  
WO 2024/081363  
Revolution

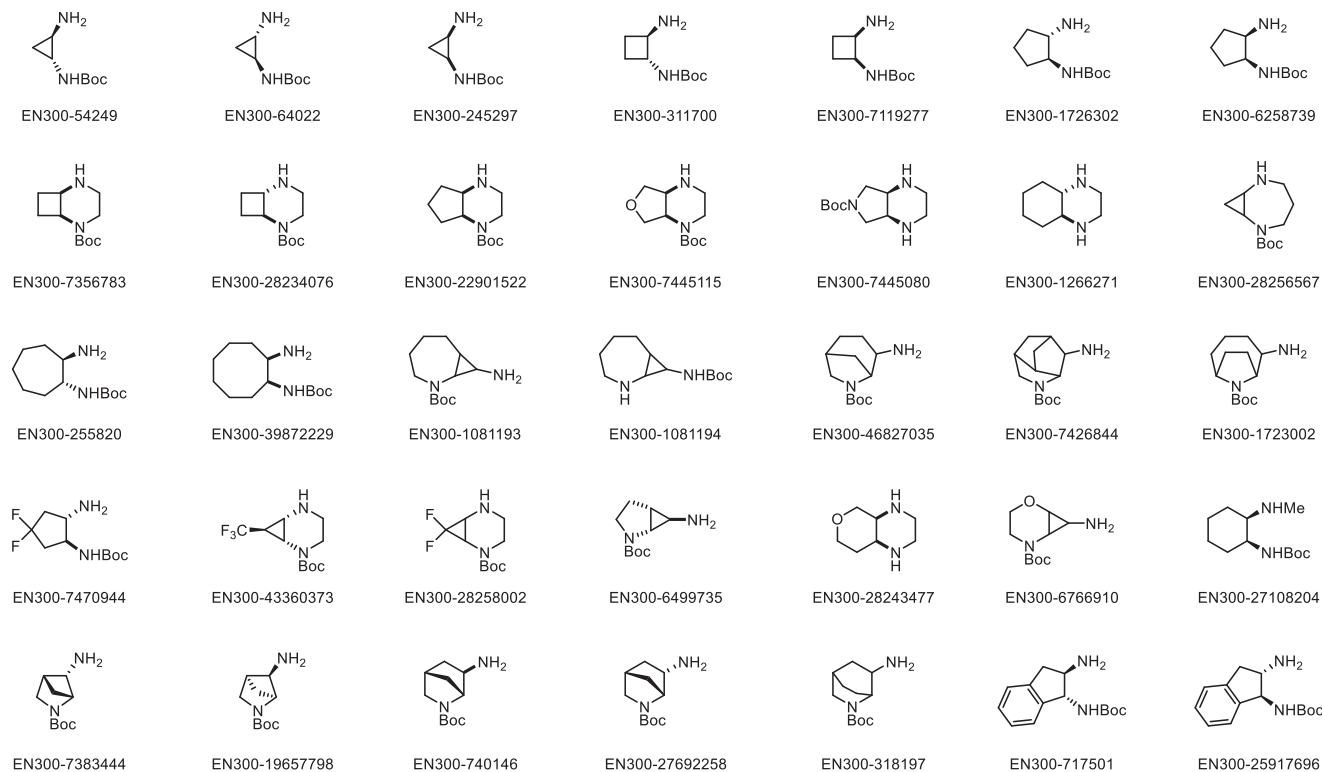


SETD2 protein inhibitor  
WO202261243  
Epizyme

## Concept



**We offer:** over 100 cyclic diamine scaffolds from stock on 5-10 gram scale.



## References

1. T. Nagata et al. *Bioorg. Med. Chem. Lett.* **2007**, *17*, 4683.
2. C. Ma et al. *J. Med. Chem.* **2022**, *65*, 8144.

3. M. Deluigi et al. *Nat. Commun.* **2022**, *13*, 382.
4. T. Taniguchi et al. *ACS Med. Chem. Lett.* **2024**, *15*, 1010



Search & Buy on-line at [EnamineStore.com](https://www.enamine.net)  
Look for more at [Chem-Space.com](https://chem-space.com)

[BB@enamine.net](mailto:BB@enamine.net), [www.enamine.net](https://www.enamine.net)