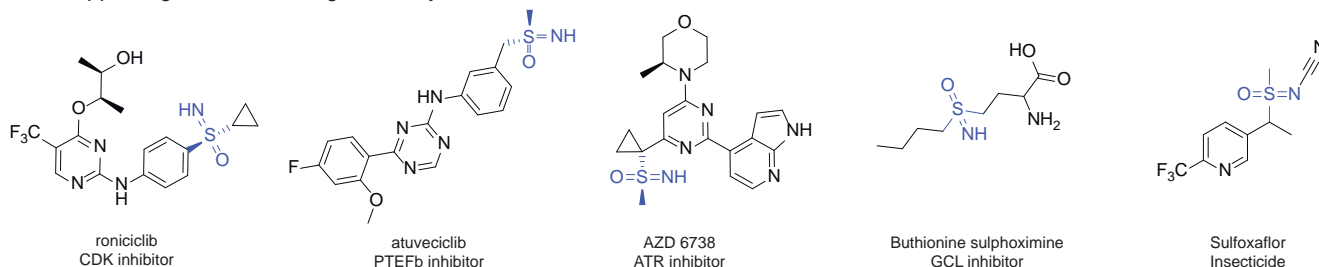


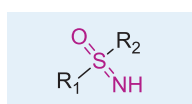
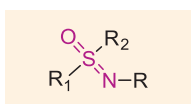
SULFOXIMINES

Introduction

Introduction of a sulfoximine group has been found as a useful approach in medicinal chemistry to improve ADME/Tox profile and to enhance potency of the biologically active compounds. The sulfoximine fragment is chemically and metabolically stable; additionally, *NH*-sulfoximines can serve as both hydrogen bond donors and acceptors at the same time. This makes sulfoximine-derived building blocks appealing for modern drug discovery.



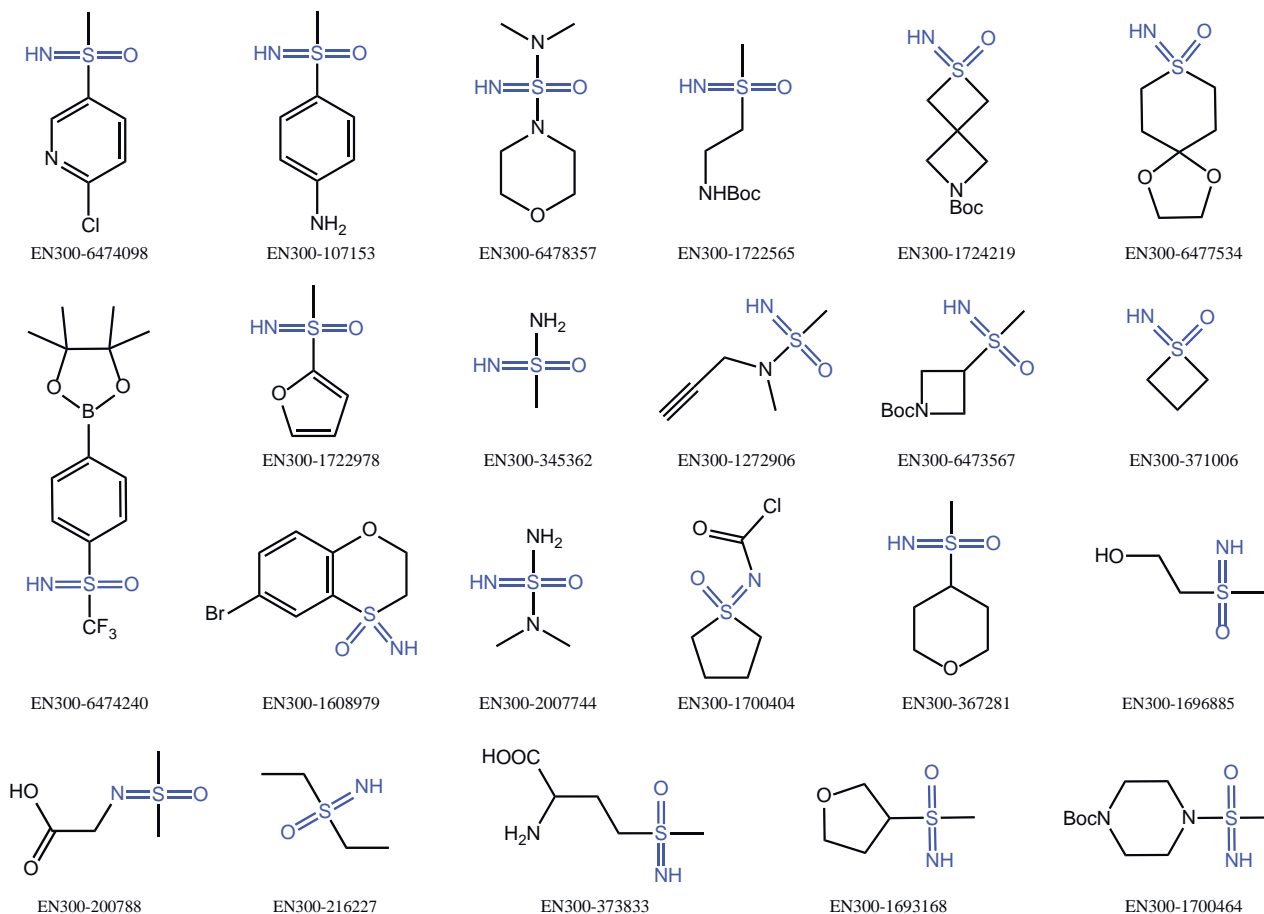
Properties



- stable to hydrolysis
- increases aqueous solubility
- can be modified at *NH*
- *NH*-sulfoximines serve as H-bond donors and acceptors

We offer

>200 Sulfoximine building blocks in gram amounts in stock. Custom synthesis of further analogues and compound libraries



References

- ¹ M. Frings, C. Bolm, A. Blum. *Eur. J. Med. Chem.* **2017**, 225.
- ² Lücking U. *ChemMedChem.* **2017**, 1776–1793.