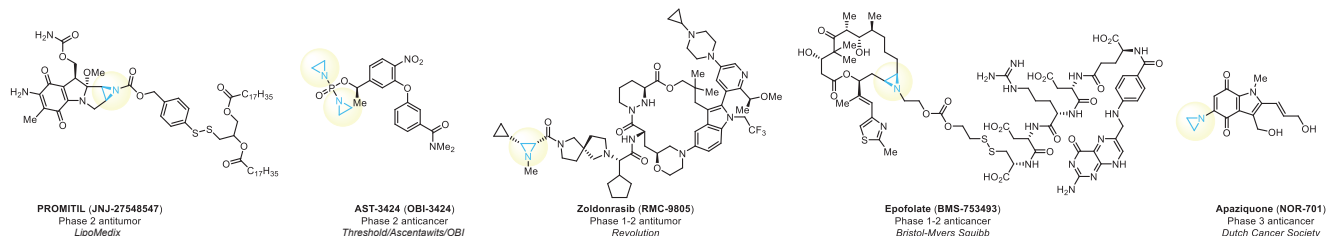


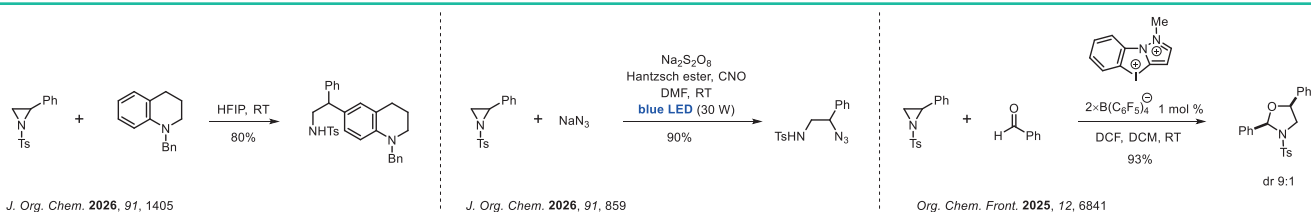
Aziridines

Introduction

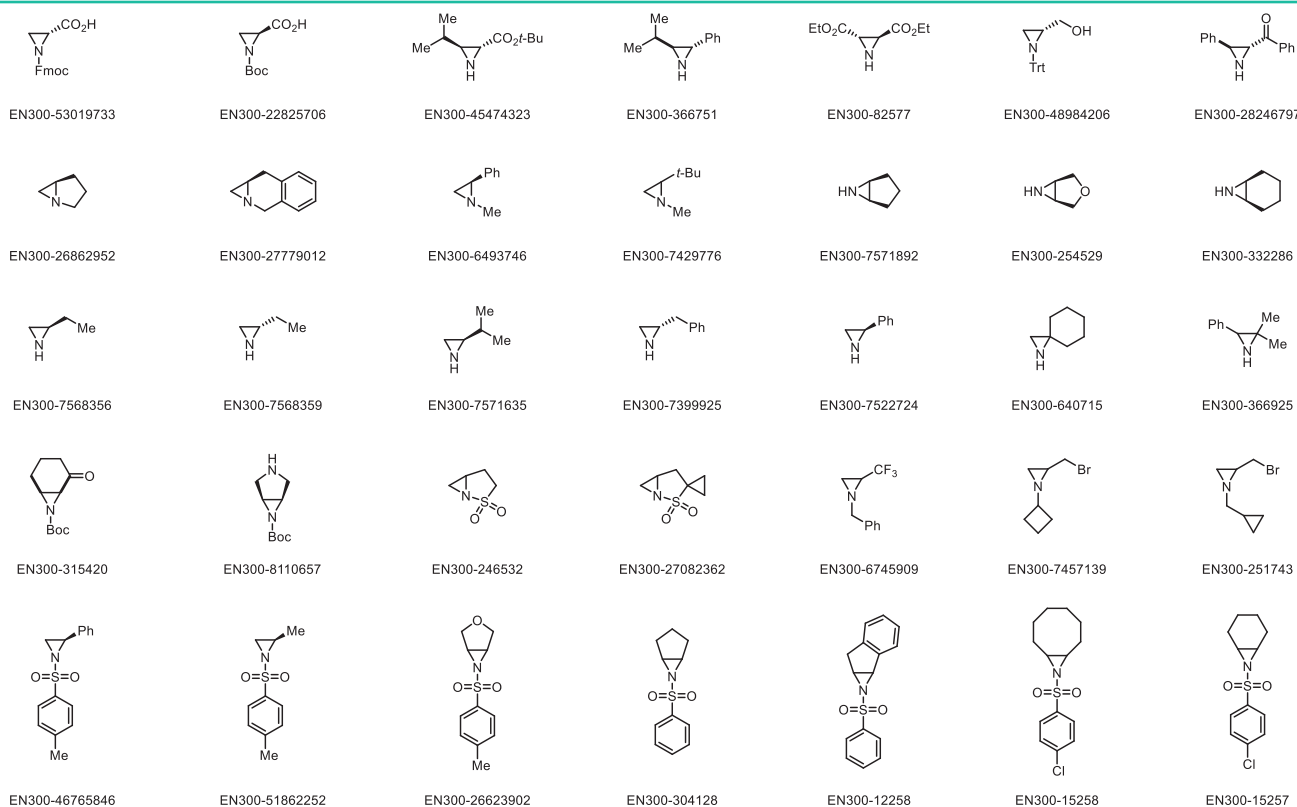
The aziridine ring serves as a key warhead moiety in FDA-approved drugs mitomycin and thiotepa, as well as in several recent investigational compounds. Under specific cellular conditions, this ring system opens, enabling DNA cross-linking and the inactivation of endogenous enzymes in cancer cells and pathogenic bacteria.^{1,2} In organic synthesis, the use of aziridines has expanded significantly in recent years, particularly with the use of *N*-tosyl aziridine reagents.^{3,4} Explore our collection of over 50 aziridines suitable for both synthesis applications and warhead design.



Reactions



We offer: over 50 aziridines from stock on 5-10 gram scale.



References

1. F. Meng et al. *Int. J. Cancer* **2025**, *156*, 417.
2. H. Tan et al. *Angew. Chem. Int. Ed.* **2025**, *64*, e202514630.

3. H. Sheshma et al. *J. Org. Chem.* **2026**, *91*, 859.
4. S. Saha et al. *Adv. Synth. Catal.* **2026**, *368*, e70282.



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