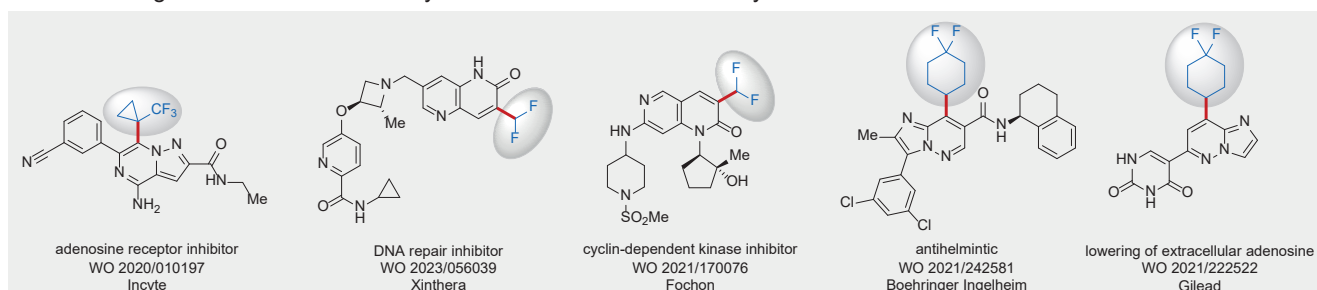


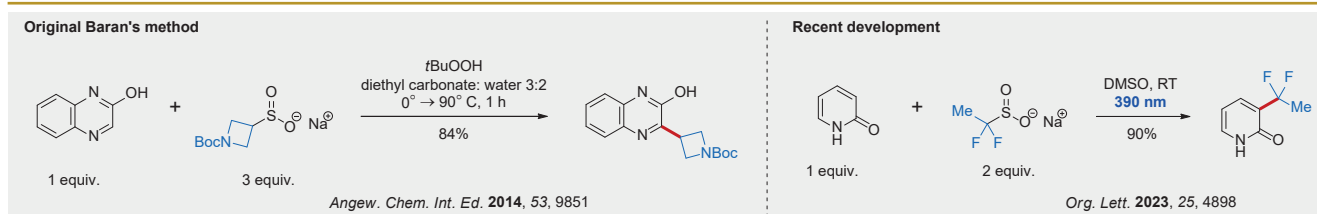
Alkyl Sulfonates for Radical Cross-Coupling

Introduction

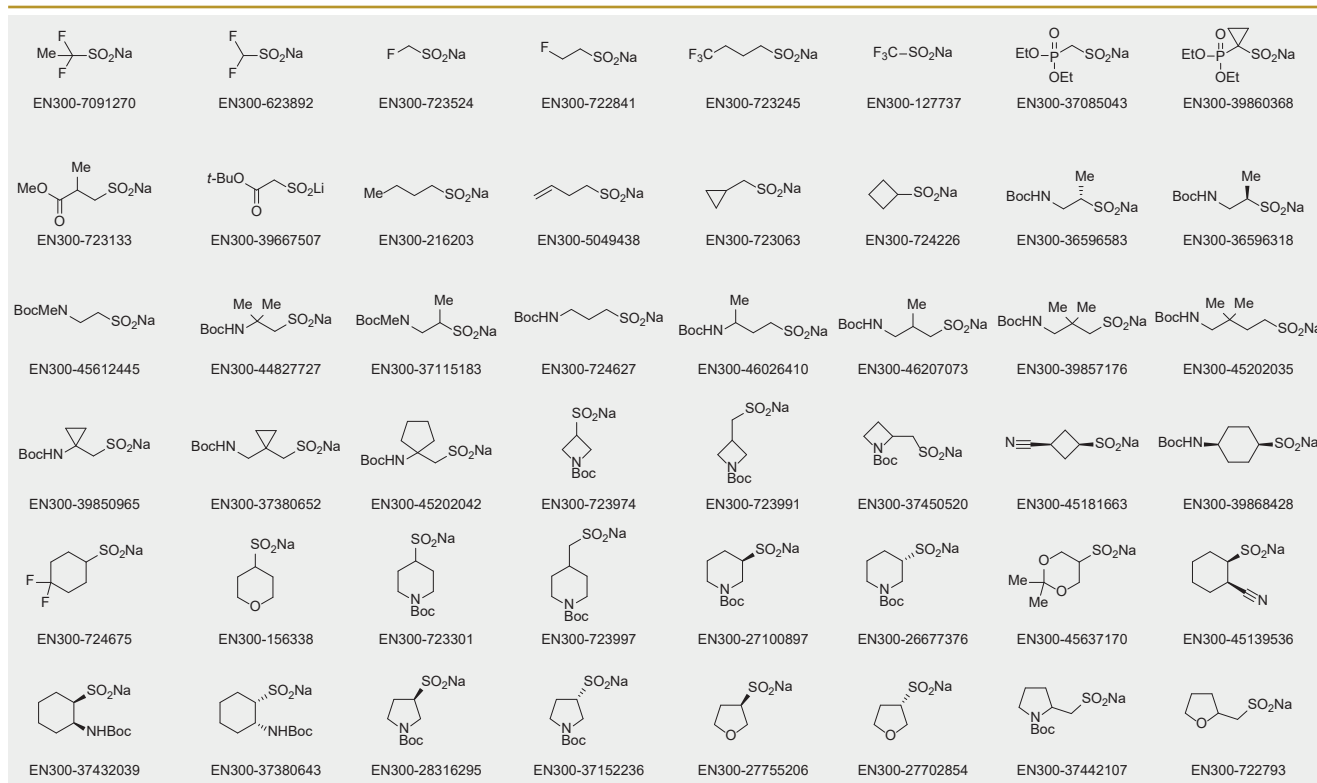
Nitrogenous heterocycles pervade the structures of drugs, although their desired substitution pattern is often hard to achieve. Since the original work from Baran group published in 2014, researches have been using alkyl sulfonates as versatile reagents for generating alkyl radicals with a great reactivity on nitrogen heterocycles.^{1,2} Such reactions require mild conditions owing to a relatively low energy of the C-S bond. Resulting radicals can be directly incorporated into heterocyclic and related structures on both early and late stages of complex syntheses.^{3,4} Enamine chemists have mastered the synthesis of these advanced reagents and hoarded 91 alkyl sulfonates in our stock already.



Examples



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



References

1. P. Baran *et al.* *J. Med. Chem.* **2019**, 62, 2256.
2. R. Gianatassio. *Angew. Chem. Int. Ed.* **2014**, 53, 9851.

3. S. Liang *et al.* *Eur. J. Org. Chem.* **2020**, 30, 4664.
4. J. Aziz and A. Hamze. *Org. Biomol. Chem.* **2020**, 18, 9136.



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