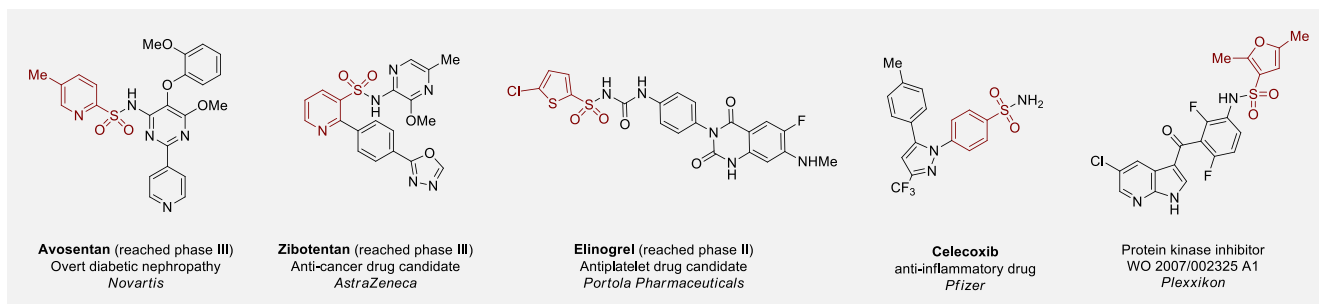


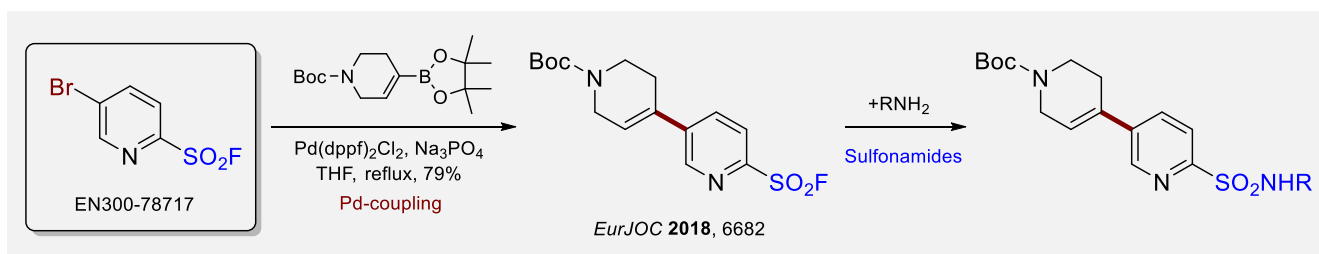
# Heterocyclic Sulfonyl Fluorides for Pd-Catalyzed C-C Coupling Reactions

## Introduction

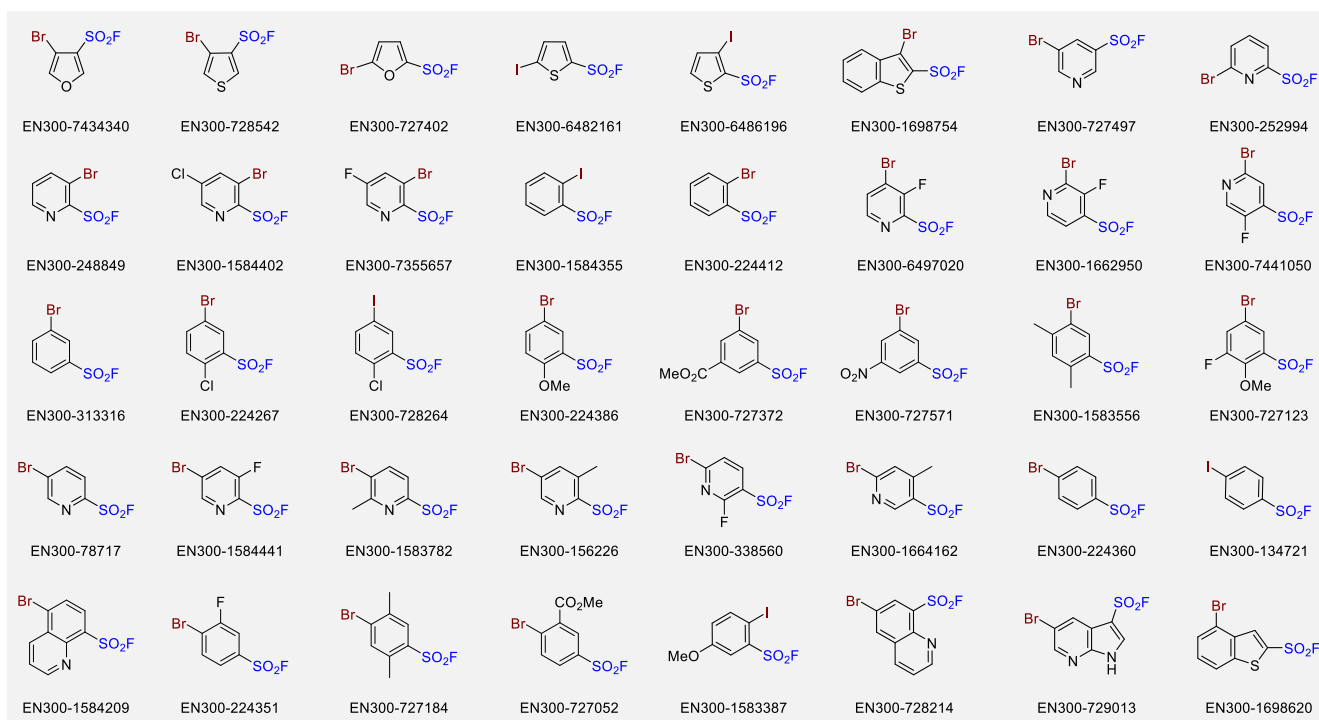
Hetaryl bromides and iodides bearing  $\text{SO}_2\text{F}$  group are versatile substrates for metal catalyzed crosscoupling reactions. Due to the high energy of the S-F bond, sulfonyl fluorides are stable toward hydrolysis, metal catalysis, or reductive reaction conditions. On the other hand, they undergo selective nucleophilic substitution at the sulfur(VI) electrophilic center under controllable reaction conditions.<sup>1-5</sup> Herein we have designed and synthesized a library of bifunctional building blocks for drug design.



## Design



## We offer



## References

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