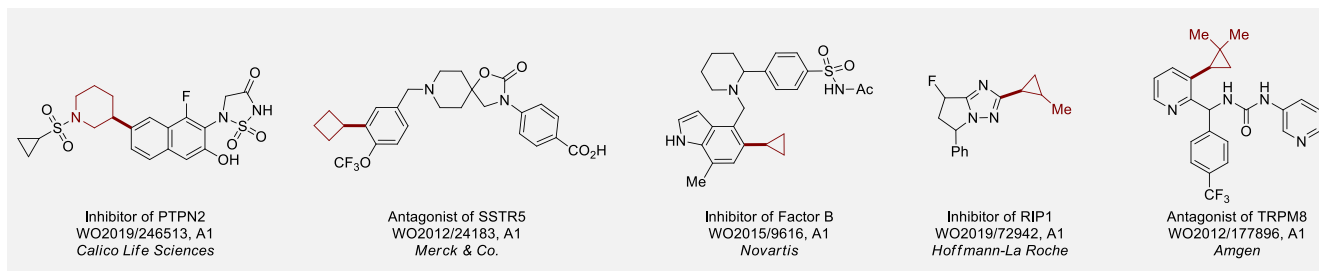


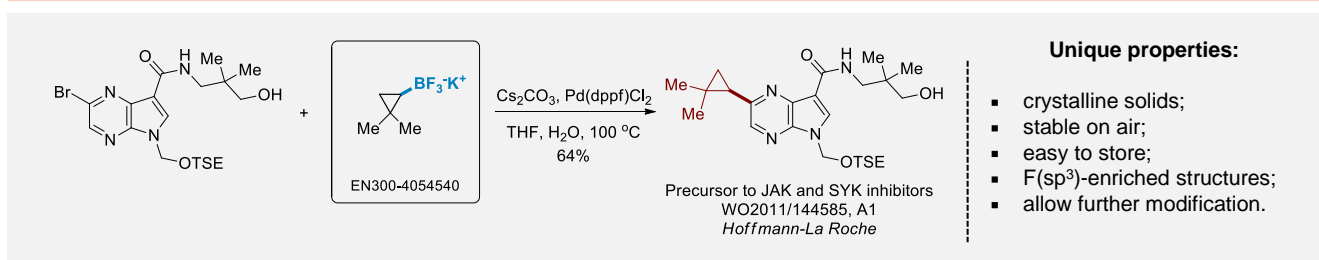
Aliphatic Trifluoroborates (-BF₃) for C-C couplings

Introduction

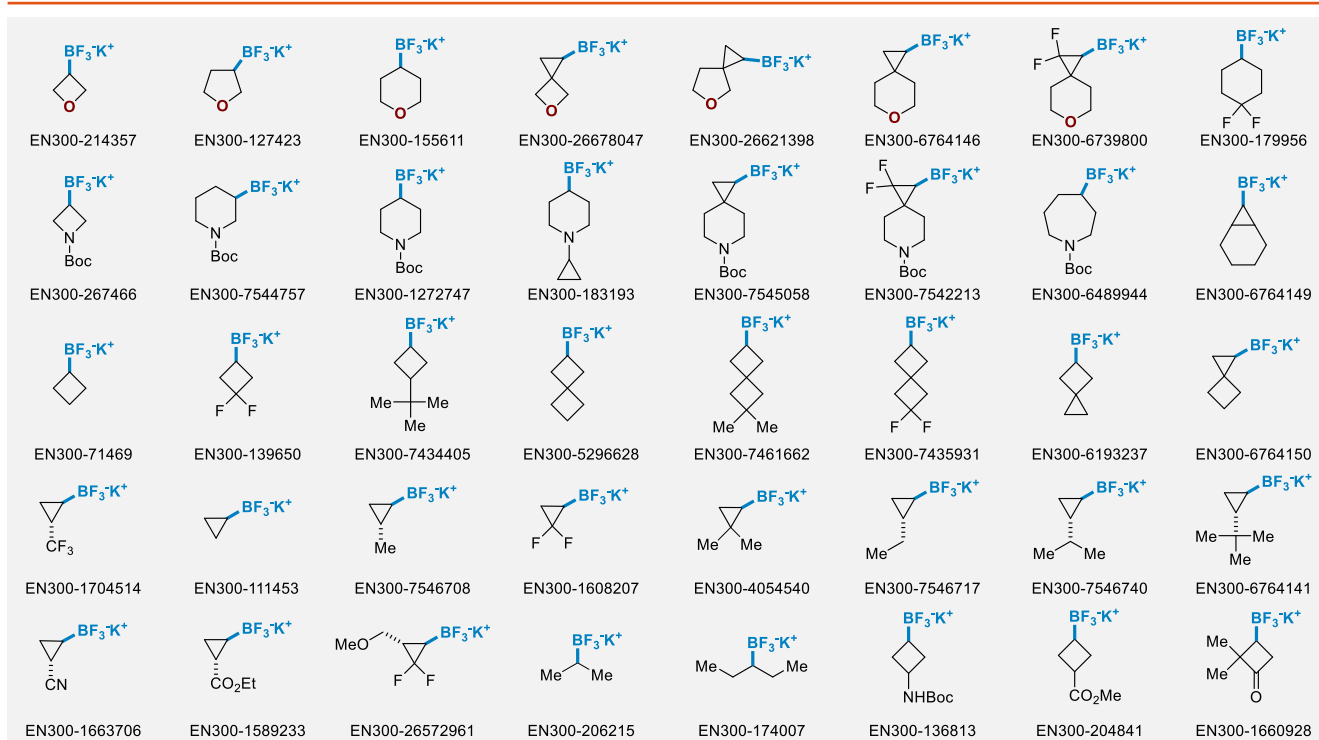
Saturated organotrifluoroborates are crystalline bench stable solids used in the standard and photoredox-accelerated Suzuki-Miyaura reaction as well as other transition-metal-catalyzed cross-couplings. One of the recent trends in the field of organoboron reagents is related to the shift from aromatic compounds towards cyclic F(sp³)-enriched structures, which comply with criteria of lead-oriented synthesis. Increasing the number of C(sp³)-hybridized carbons is a way to make a compound more drug-like.¹⁻⁶ In this context, *Enamine* offers a library of saturated organotrifluoroborates for metal-mediated couplings.



Case studies



We offer: >50 of aliphatic trifluoroborates from stock on a 5-10 g scale.



References

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