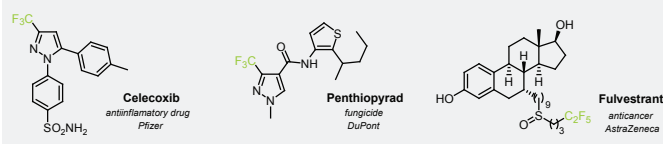


CF₃CHN₂ and C₂F₅CHN₂: highly underestimated reagents

Mykhailiuk, P.; Slobodyanyuk, E.; Artamonov, O.; Komarov, I.; Tolmachev, A.

Introduction

Around 20% of all modern drugs and agrochemicals contain fluorine atom(s). Therefore, novel cheap practical methods towards fluorinated organic compounds are needed.

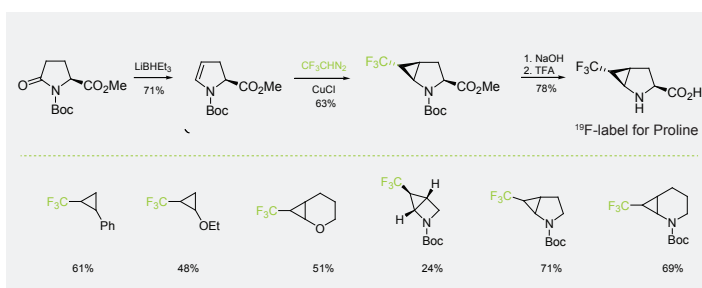
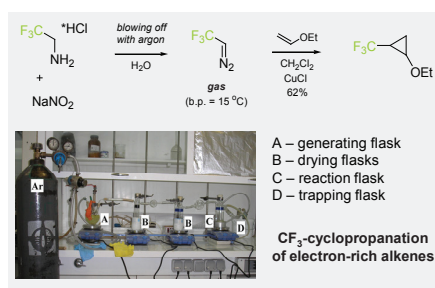


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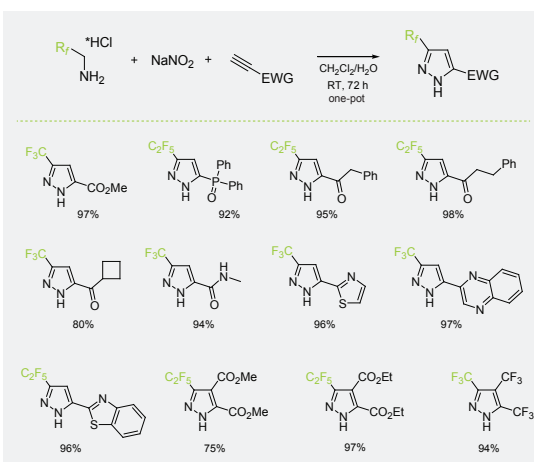
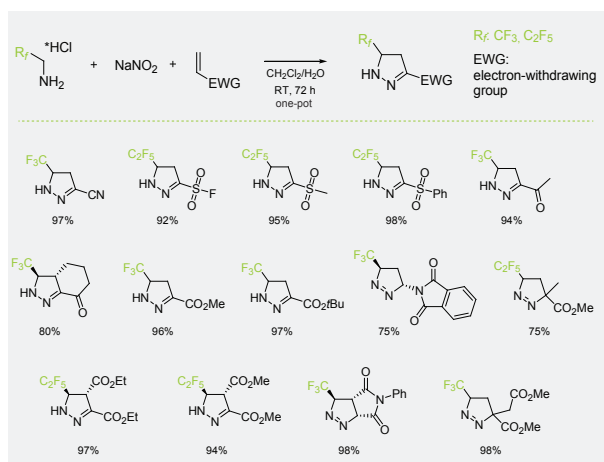
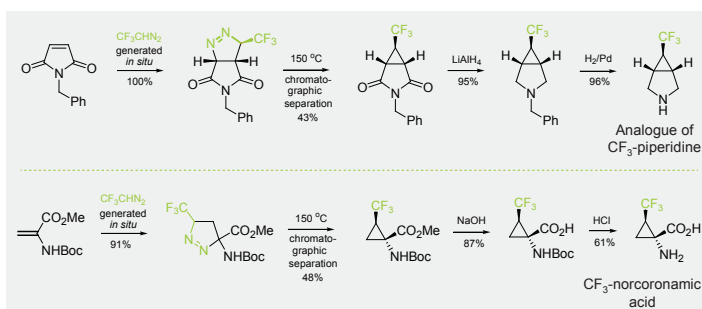
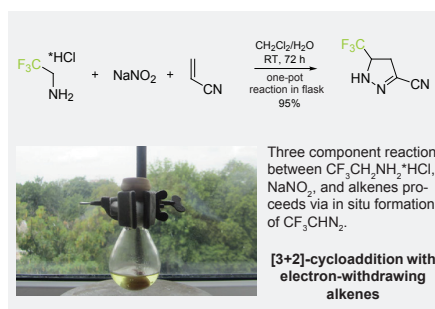
To elaborate practical safe methods to work with gaseous diazomethane derivatives



Gaseous CF₃CHN₂²⁻³



In situ-generated CF₃CHN₂ and C₂F₅CHN₂^{1,4-8}



Contact

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References

1. Since 2006 more than 70 papers on CF₃CHN₂ have been appeared. Impressive contributions came from groups of Prof. G. Simonneau, Prof. E. Carreira, Prof. J. Ma, Prof. W. Xiao, Prof. M. Dunston, Prof. G. Molander and others.
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