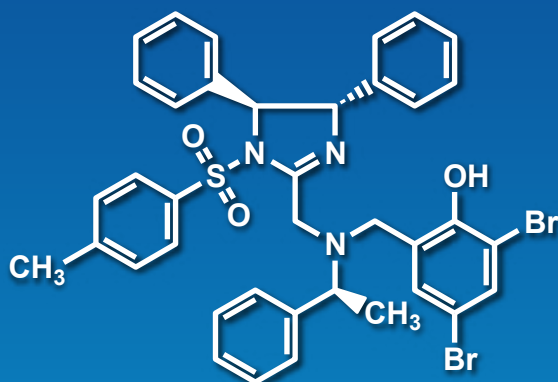
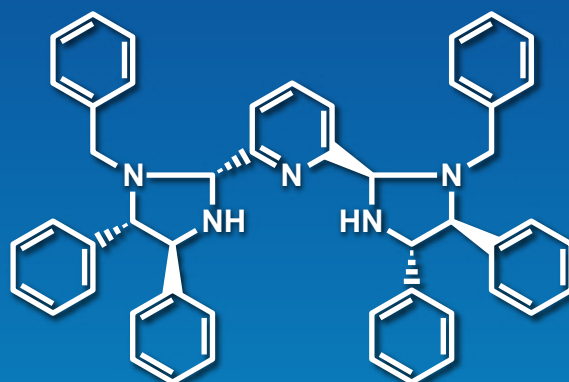


Useful Chiral Ligands for Asymmetric [3+2] Cycloaddition



IAP
50mg
[D4168]

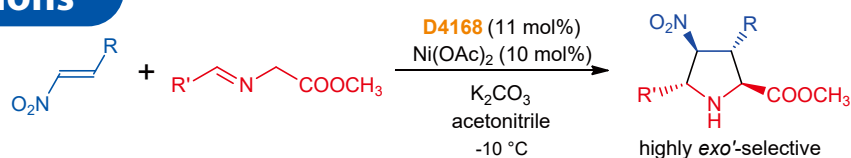


PyBidine
50mg
[B3934]

Advantages

IAP and PyBidine are applicable to the formation of pyrrolidine rings by [3+2] cycloaddition of iminoesters with alkenes, i.e. the use of IAP and PyBidine affords highly *exo'*-selective products^{1, 2)} and *endo*-selective products,³⁾ respectively.

Applications



References 1) T. Arai, N. Yokoyama, A. Mishiro, H. Sato, *Angew. Chem. Int. Ed.* **2010**, *49*, 7895. DOI: <https://doi.org/10.1002/anie.201004098>

2) A. Awata, T. Arai, *Chem. Eur. J.* **2012**, *18*, 8278. DOI: <https://doi.org/10.1002/chem.201201249>

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