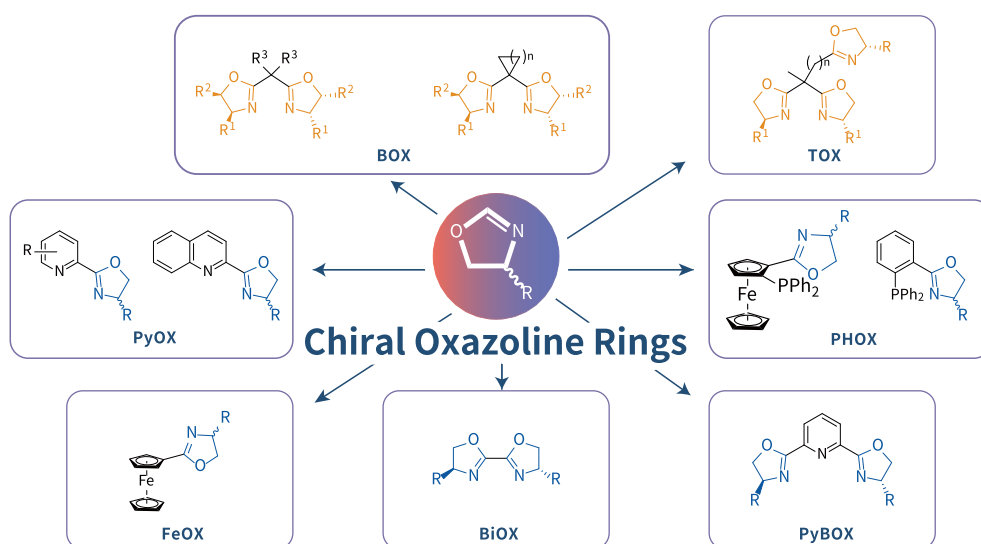


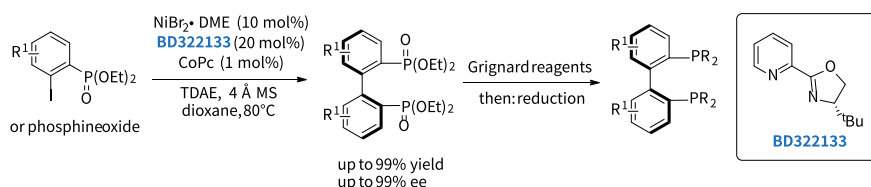
Chiral Oxazoline - Containing Ligands

Asymmetric catalysis with chiral metal catalysts has received considerable attention in recent years, and its contribution to organic synthesis has become of leading importance. The chiral metal catalyst, in general consists of a metal active site coordinating with a chiral organic ligand, among these various ligands, chiral oxazoline-containing ligands are one of the most successful and commonly used classes of ligands due to their ready accessibility, modular nature, and extensive applicability in metal-catalyzed asymmetric reactions with excellent catalytic activity and enantioselectivity.

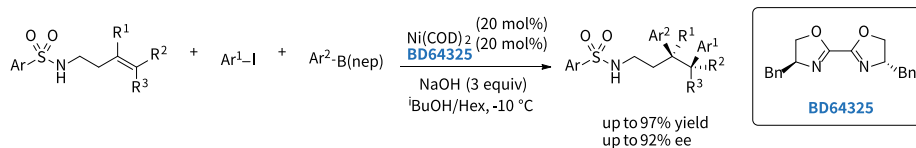


Technical Notes:

Synthesis of axially chiral 2,2'-bisphosphobiarenes via a nickel-catalyzed asymmetric Ullmann coupling.^[1]



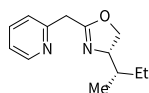
Three-component asymmetric Ni-catalyzed 1,2-dicarbonylation of unactivated alkenes.^[2]



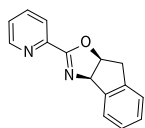
[1] J. Am. Chem. Soc. **2021**, 143, 1328.

[2] J. Am. Chem. Soc. **2022**, 144, 19337.

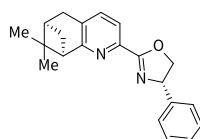
Chiral Oxazoline - Containing Ligands



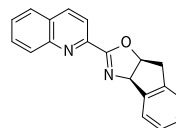
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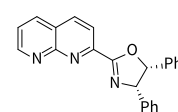
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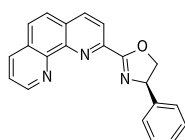
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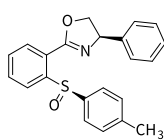
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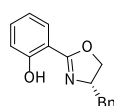
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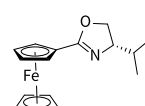
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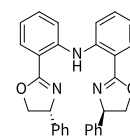
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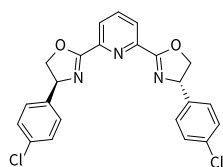
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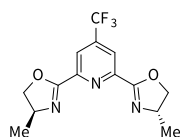
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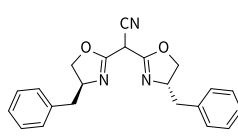
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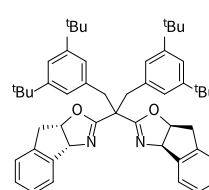
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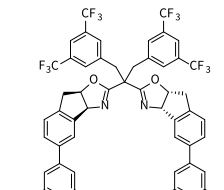
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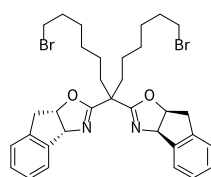
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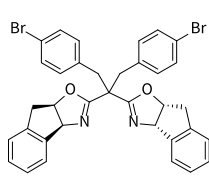
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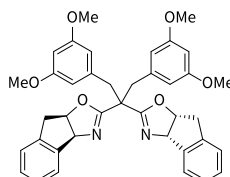
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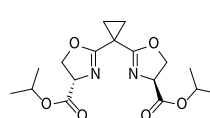
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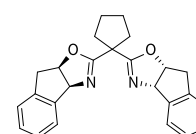
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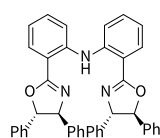
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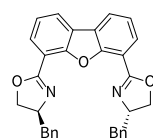
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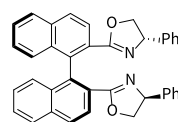
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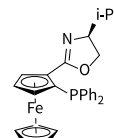
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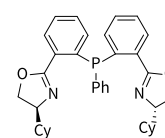
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