



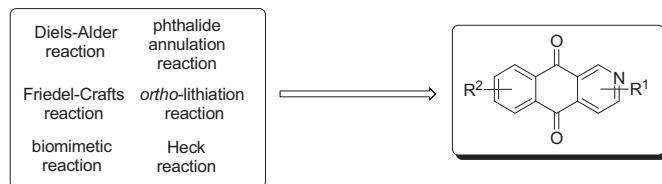
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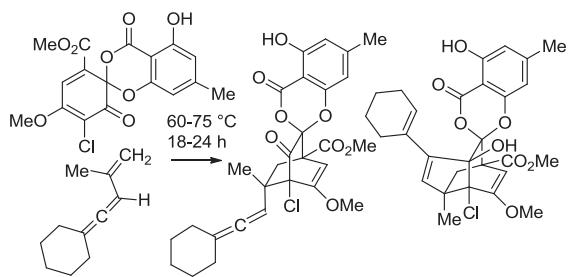
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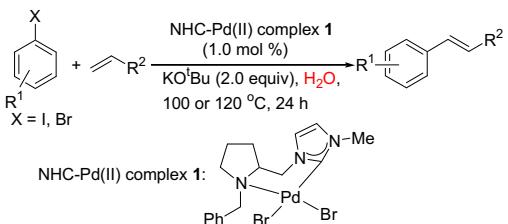
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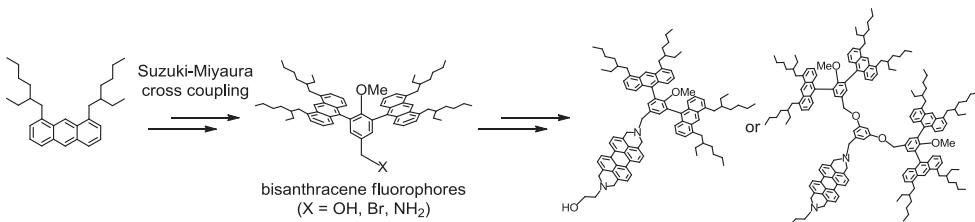
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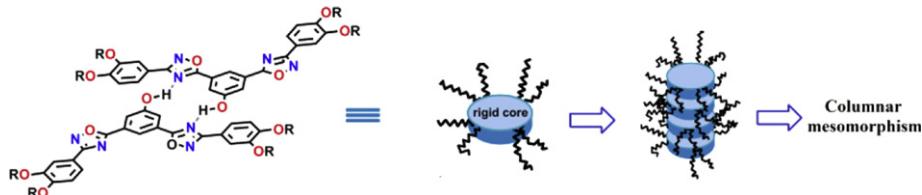
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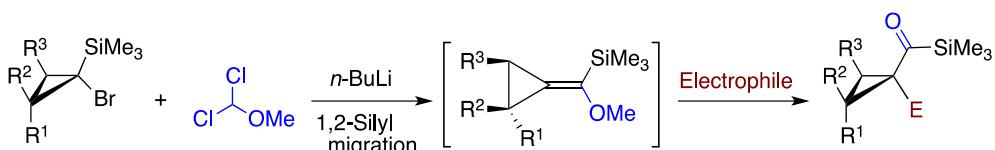
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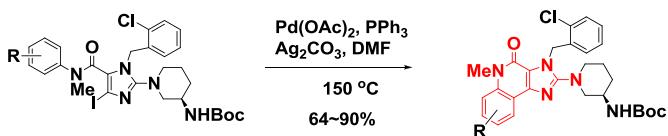
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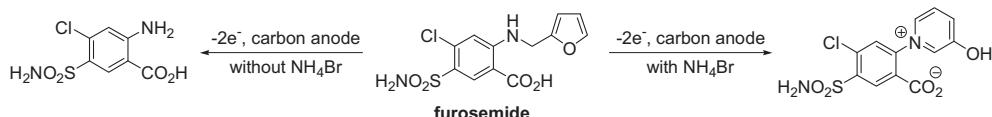
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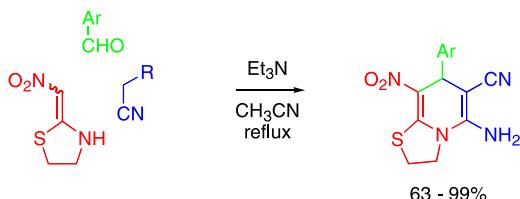
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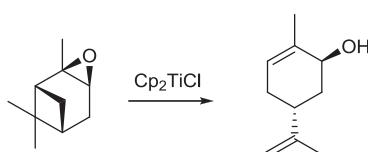
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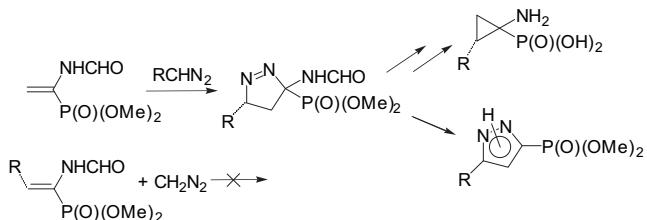
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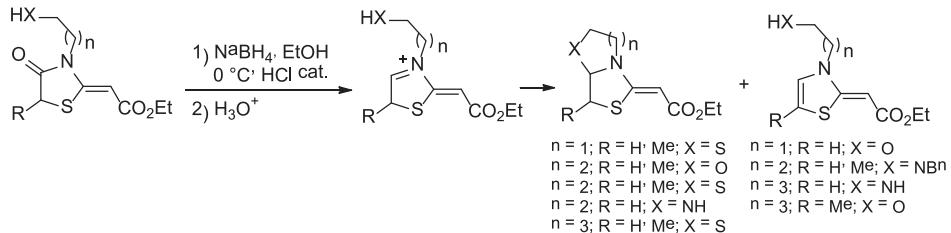
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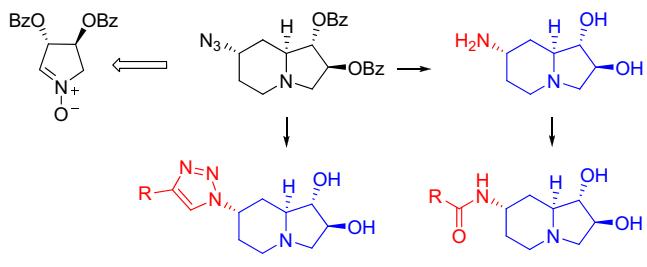
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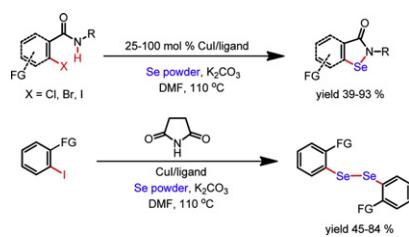
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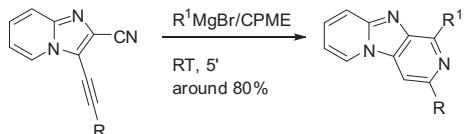
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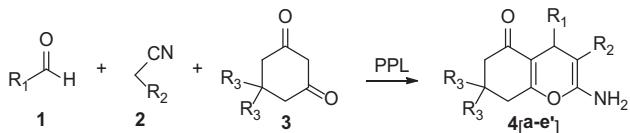
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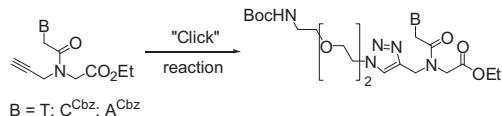
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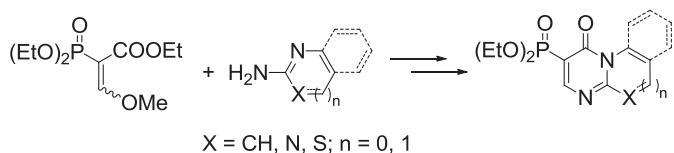
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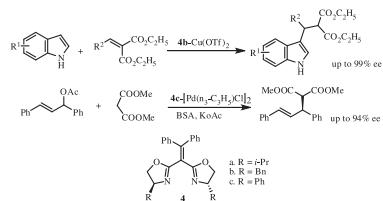


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Hongliang Chen, Fengpei Du, Lei Liu, Jing Li, Qiuying Zhao, Bin Fu*

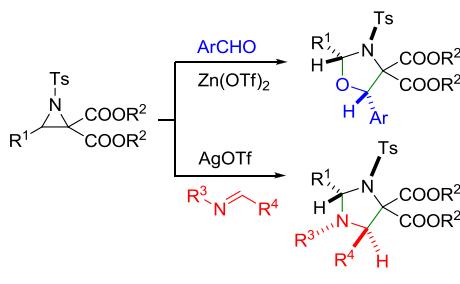


A series of new and simple C₂-symmetric diphenylmethylidene malonate-type bis(oxazoline) ligands were synthesized and applied to the F–C reaction and allylic alkylation. The copper complex of ligand **4b** bearing benzyl group afforded good to excellent enantioselectivity for the F–C adducts (up to >99% ee). The Pd complex of ligand **4c** bearing phenyl group gave up to 94% ee value for the allylic alkylation product.



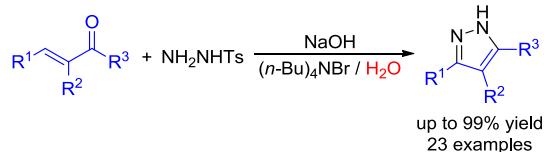
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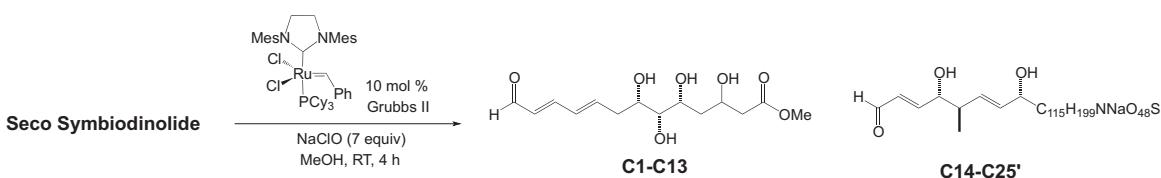
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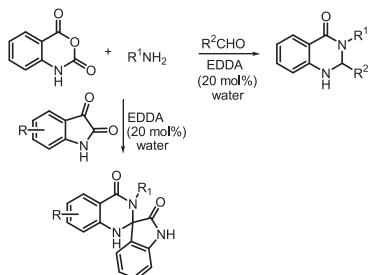
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Manchala Narasimhulu, Yong Rok Lee*



*Corresponding author

(i)* Supplementary data available via ScienceDirect



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