

Catalysis: Concepts and Green Applications

Lecture slides for Chapter 3: Homogeneous catalysis

Most of the graphics here were drawn using PowerPoint and Chemdraw (version Ultra 9.0).

Feel free to modify and/or add your own pyrotechnics.

Please send any feedback to feedback@catalysisbook.org

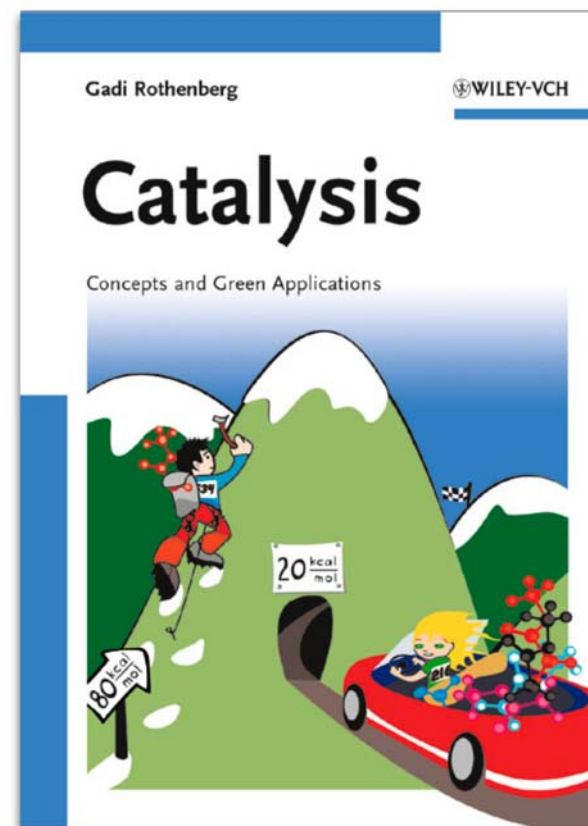


Figure 3.1

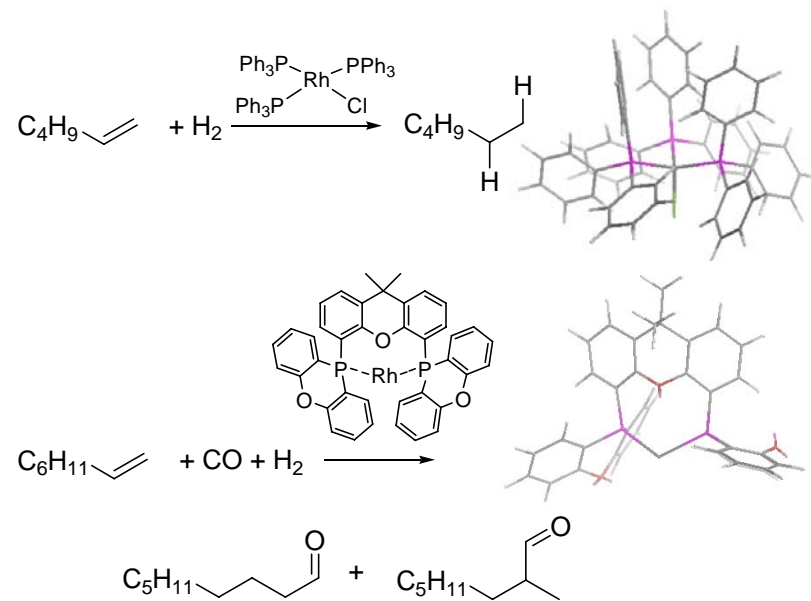


Figure 3.2

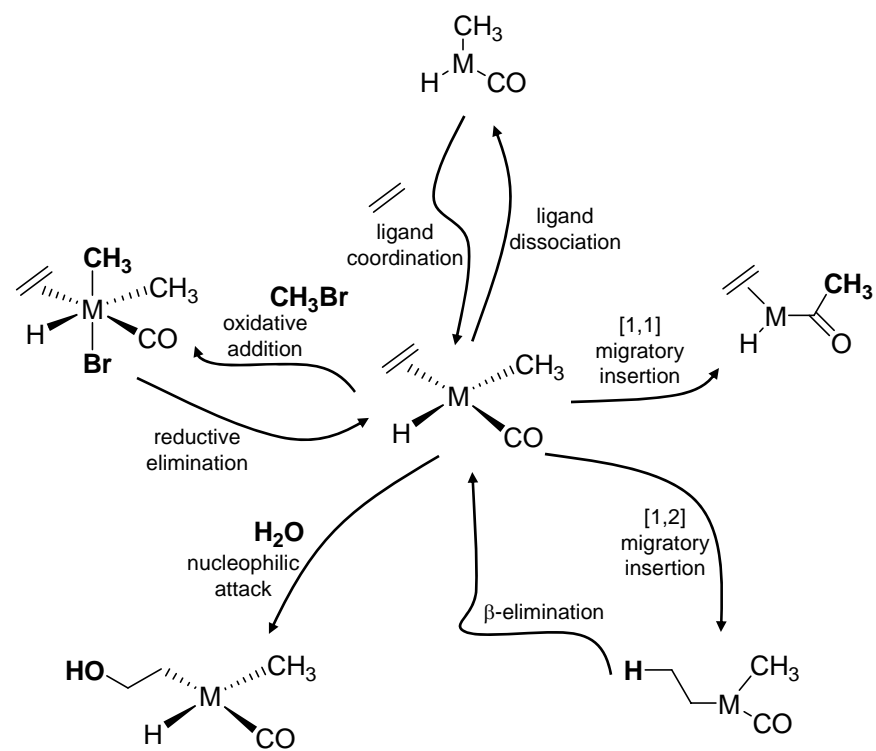


Figure 3.3

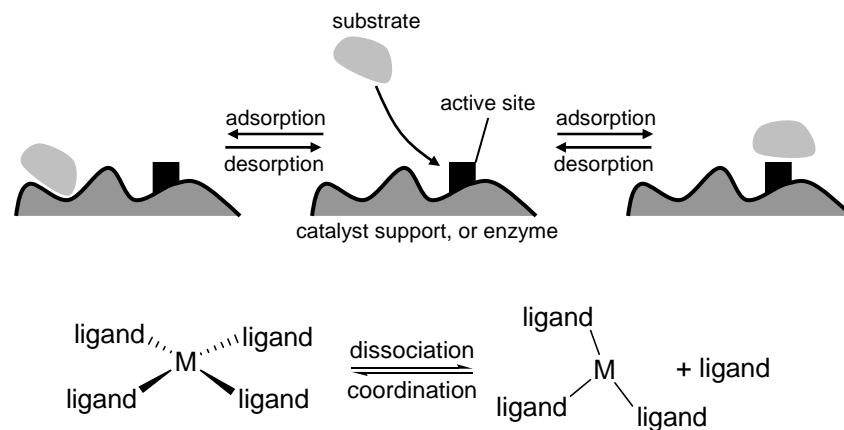


Figure 3.4

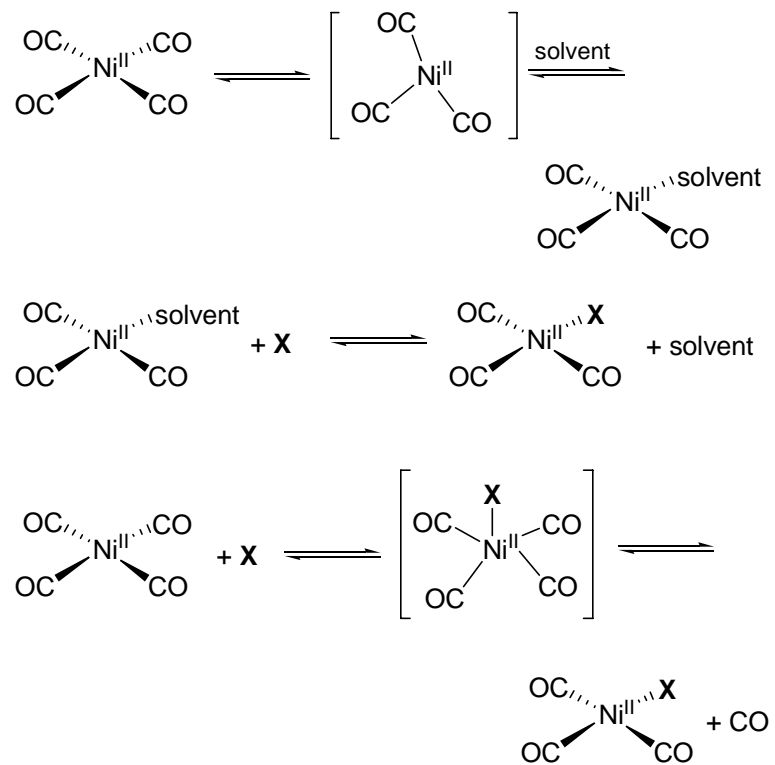


Figure 3.5

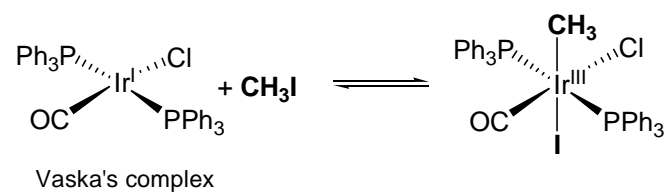
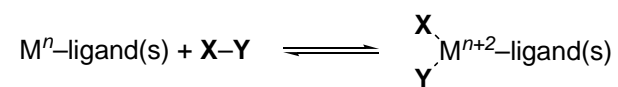


Figure 3.6

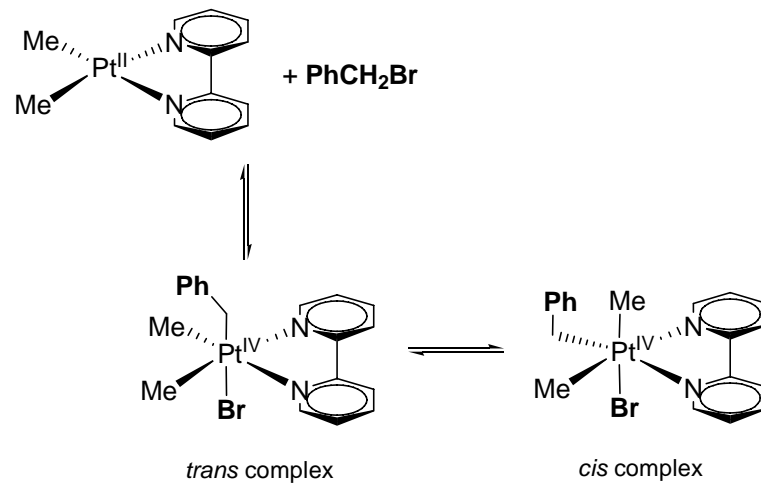


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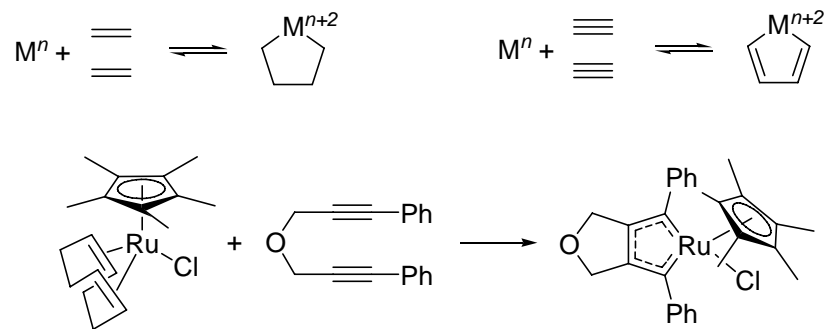


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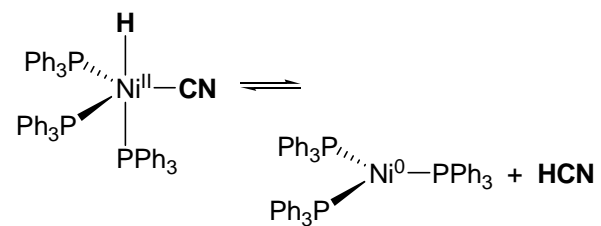
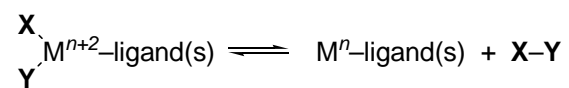


Figure 3.9

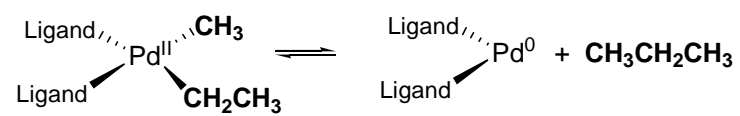


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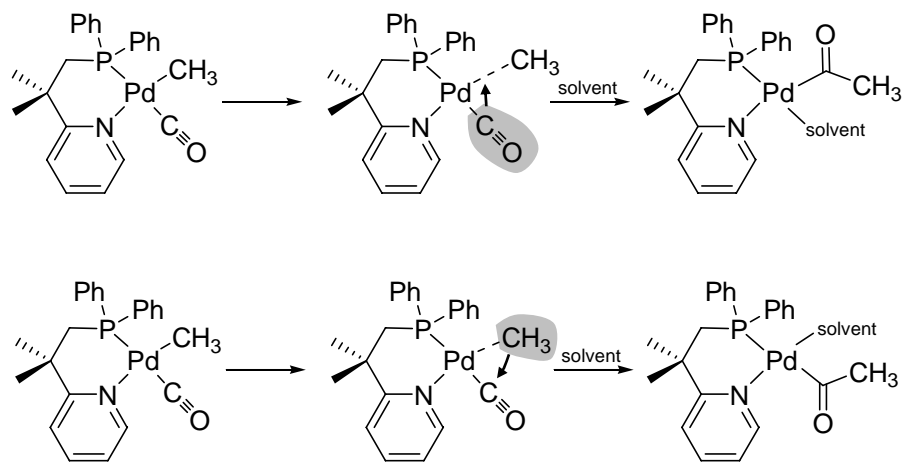


Figure 3.11

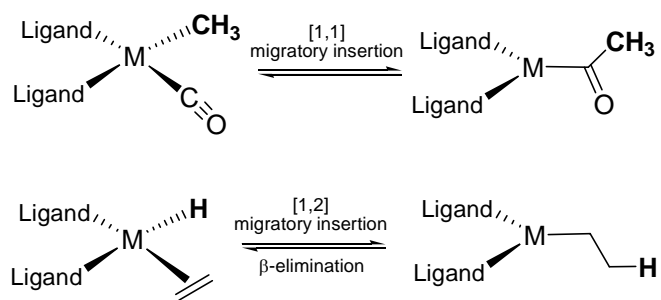


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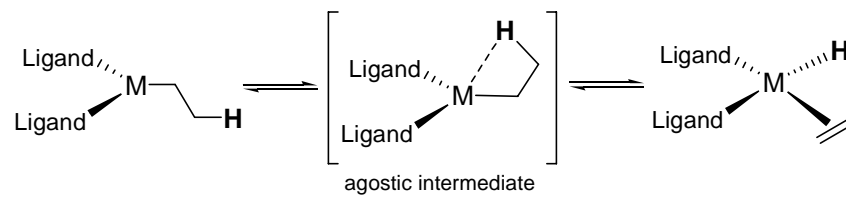


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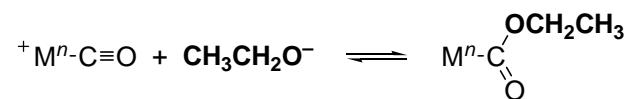
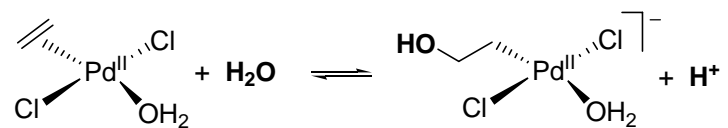


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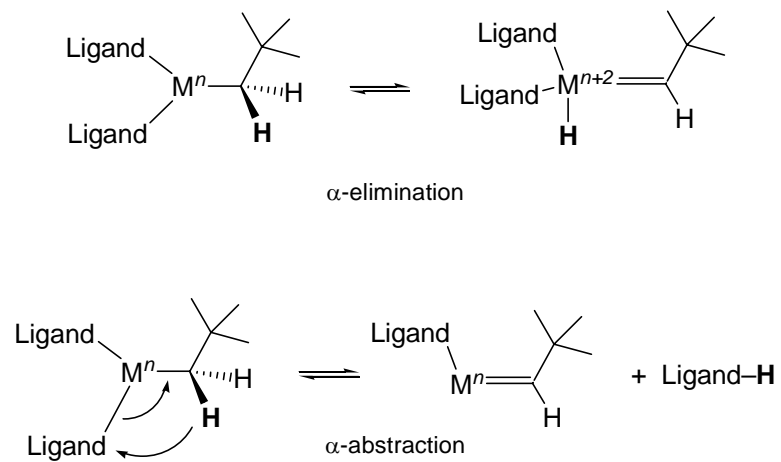


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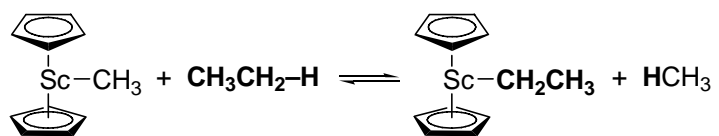
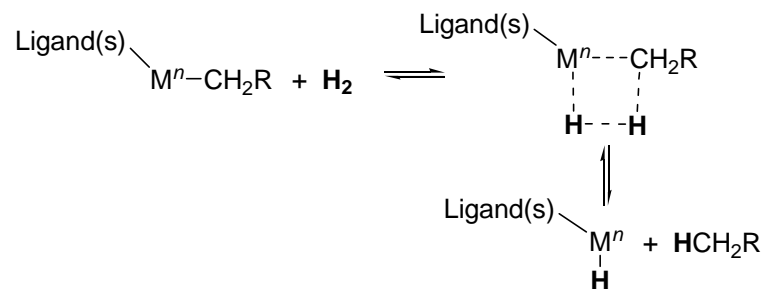


Figure 3.16

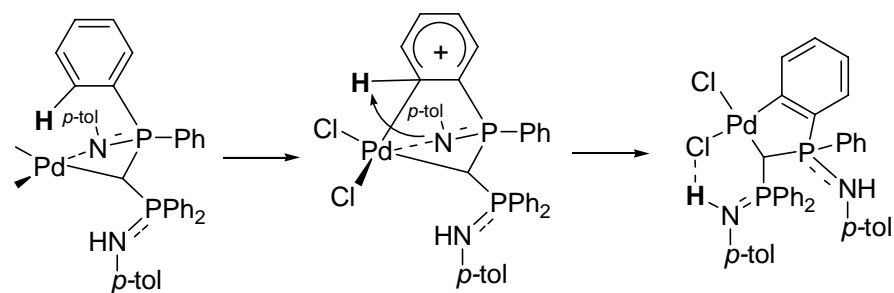


Figure 3.17

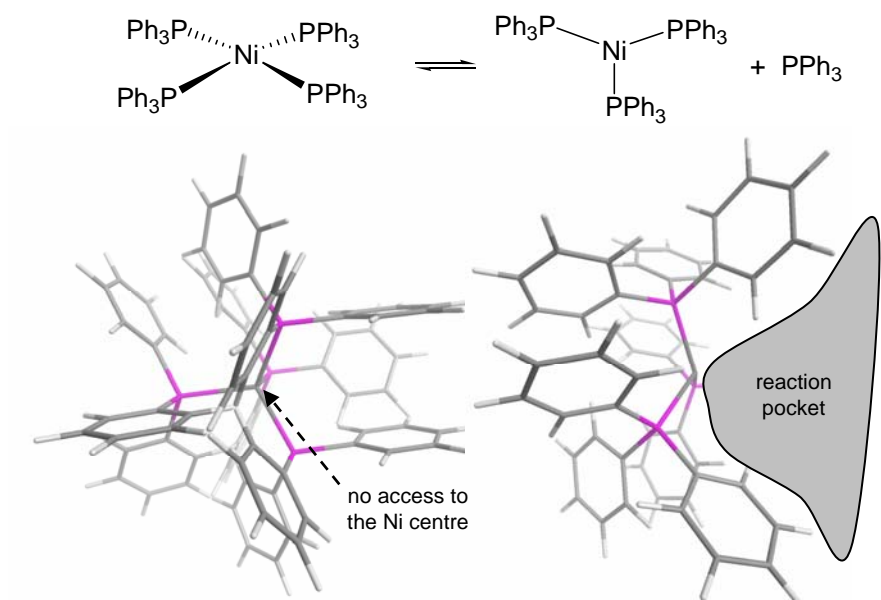


Figure 3.18

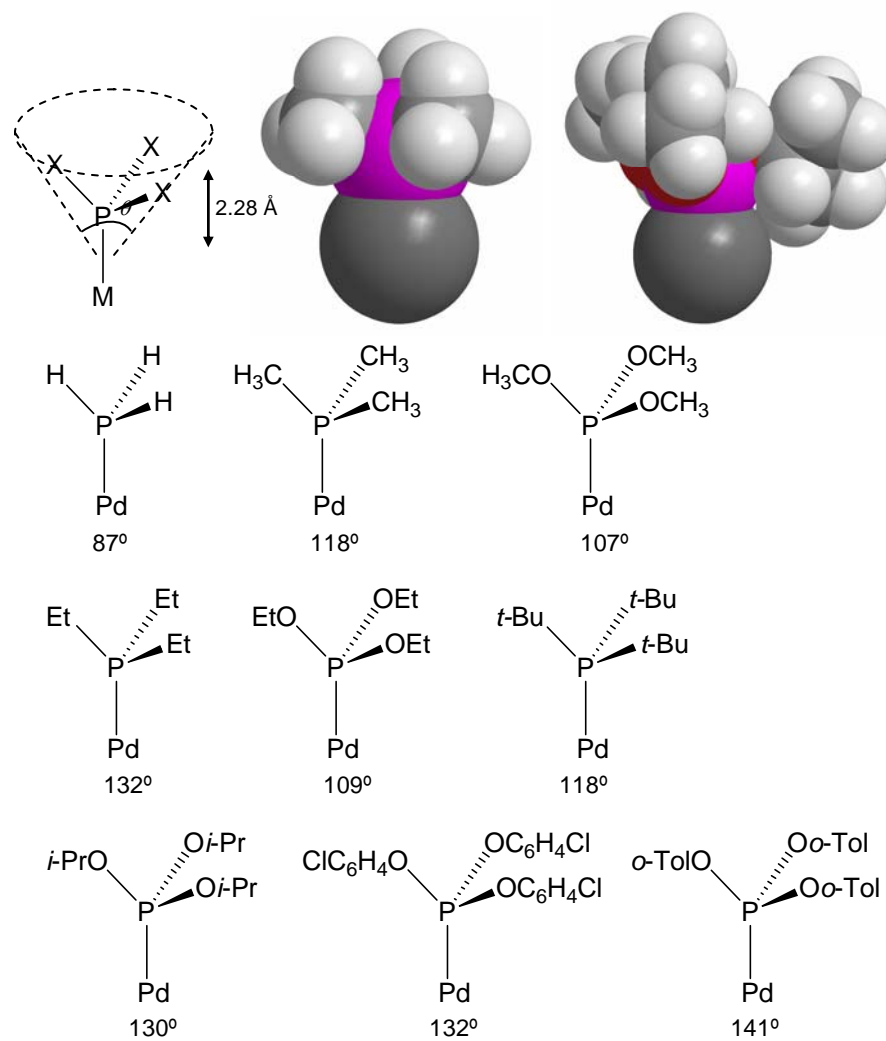


Figure 3.19

colour fig

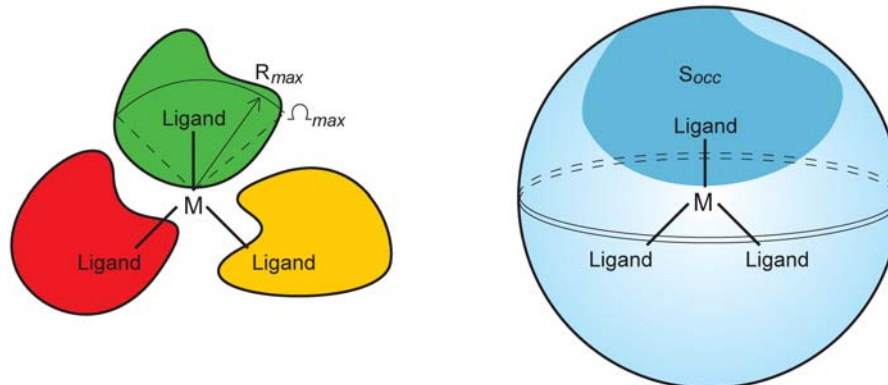


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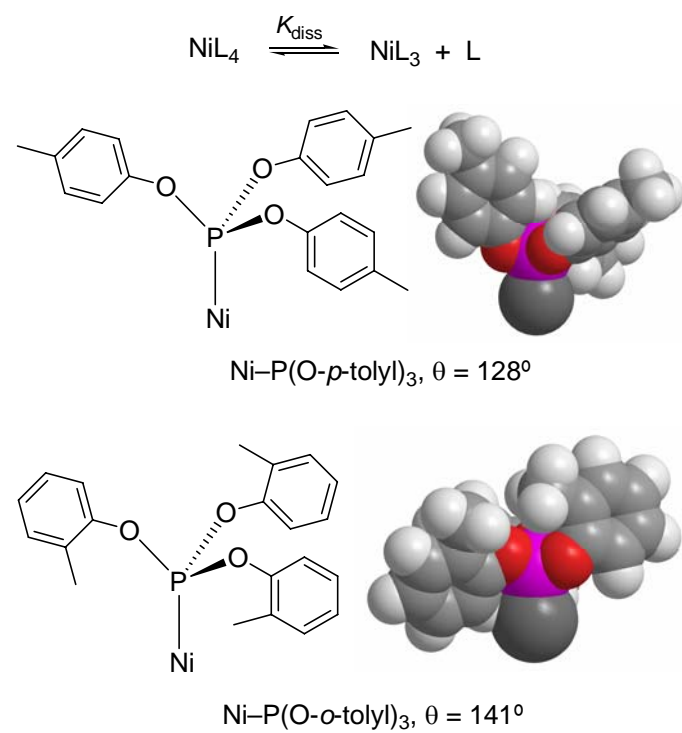


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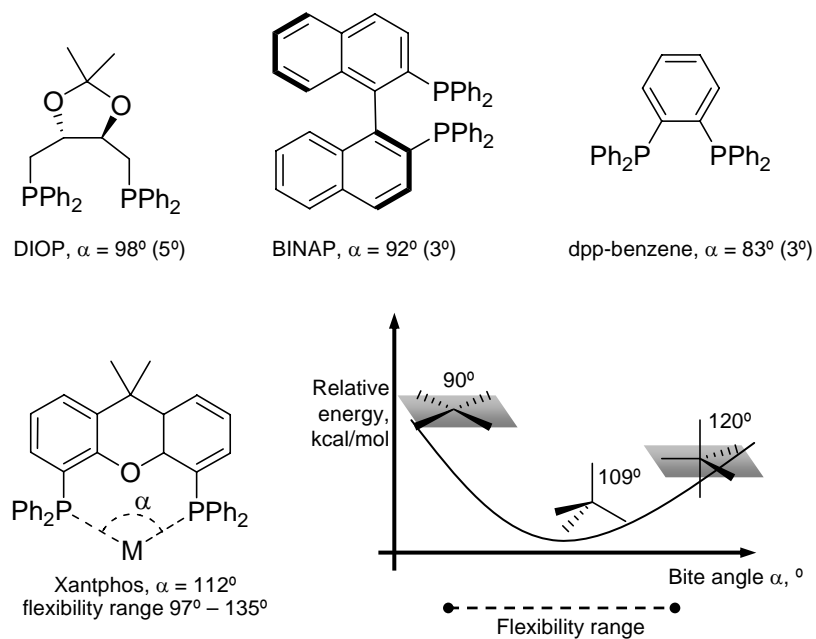


Figure 3.22

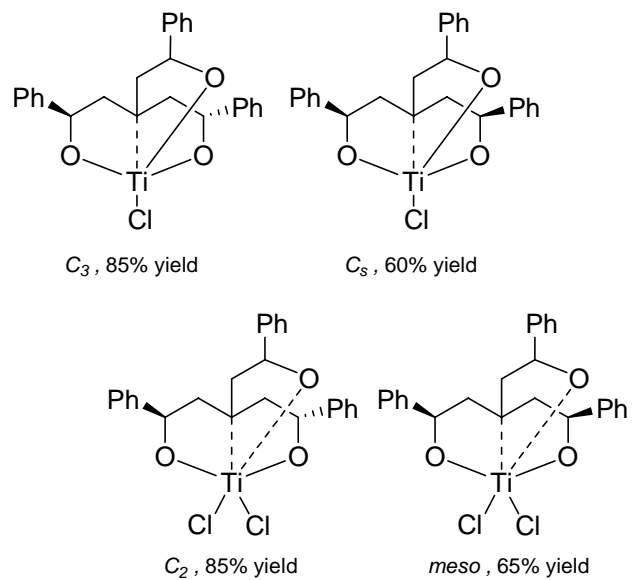


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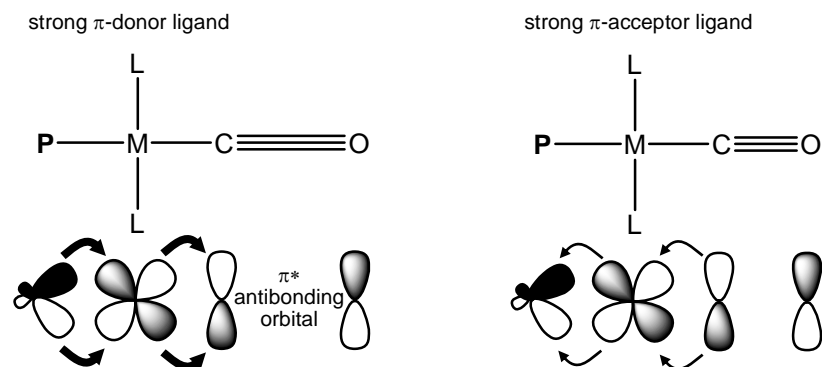


Figure 3.24

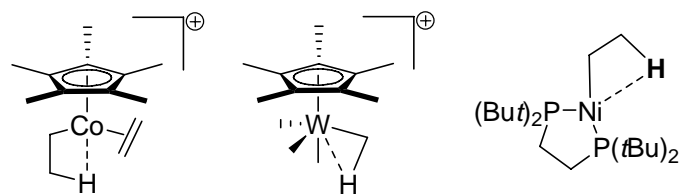


Figure 3.25

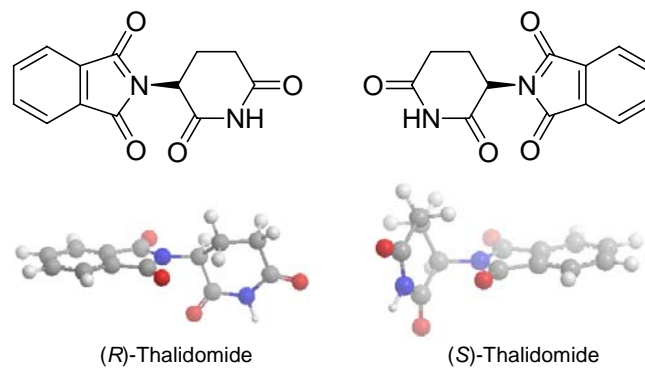


Figure 3.26

colour fig

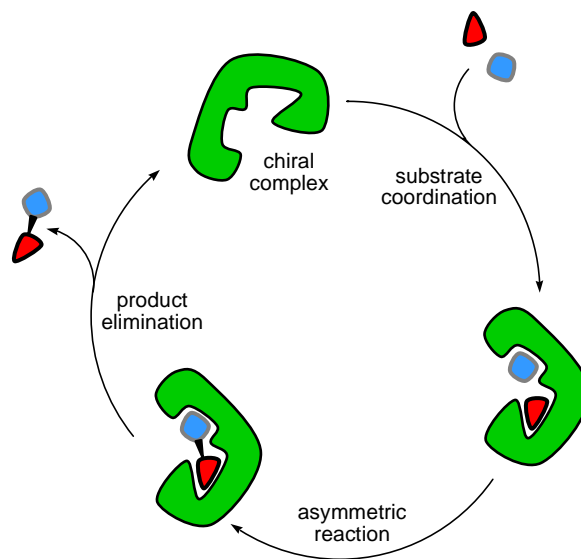


Figure 3.27

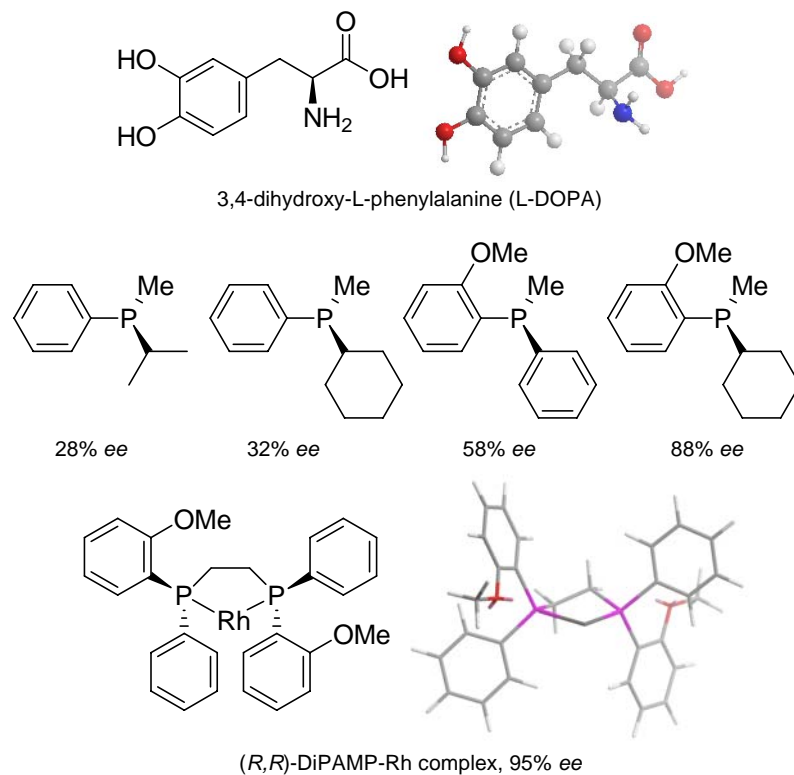


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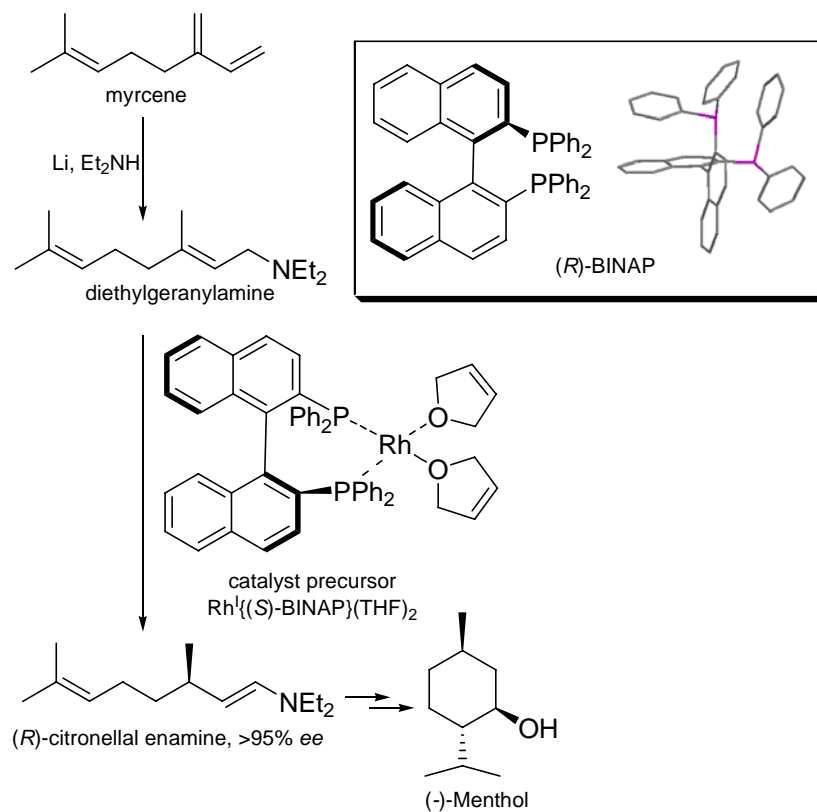


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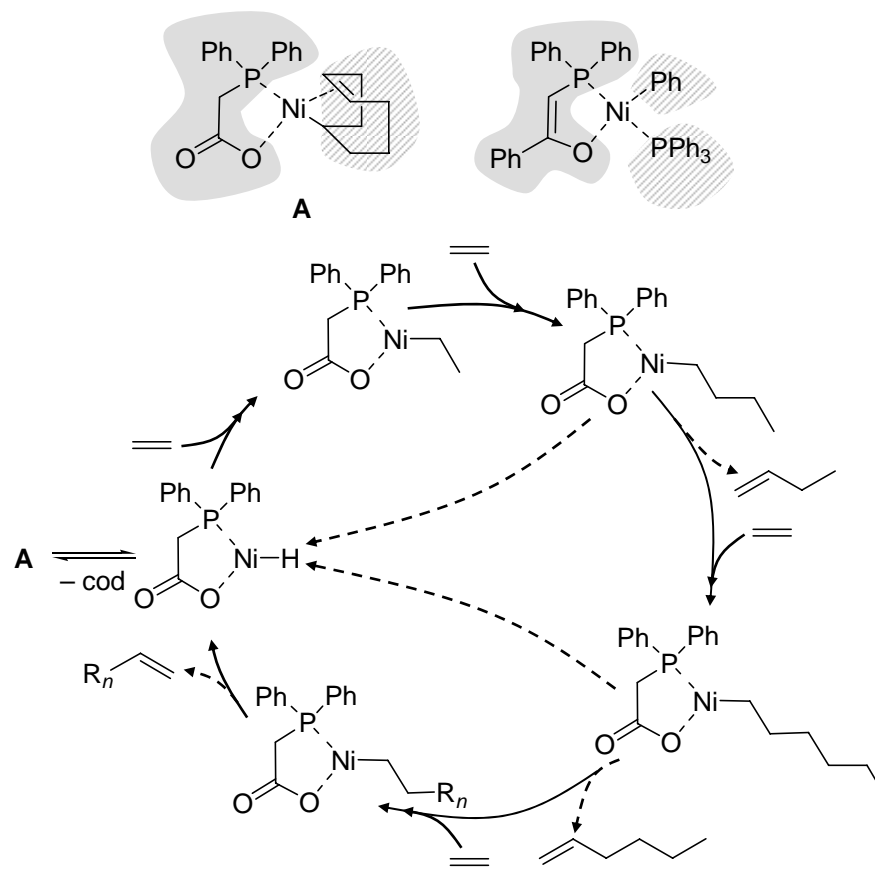


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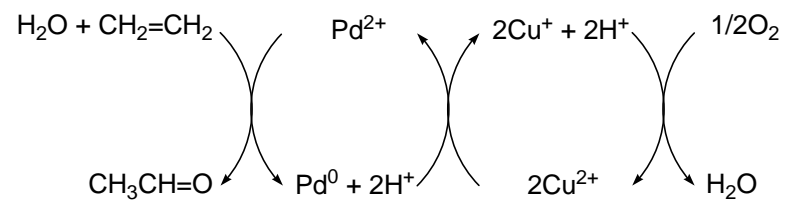
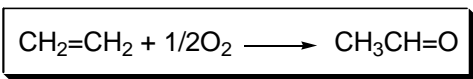
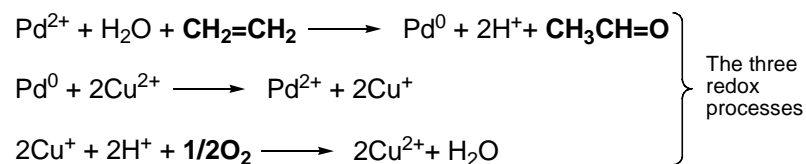


Figure 3.31

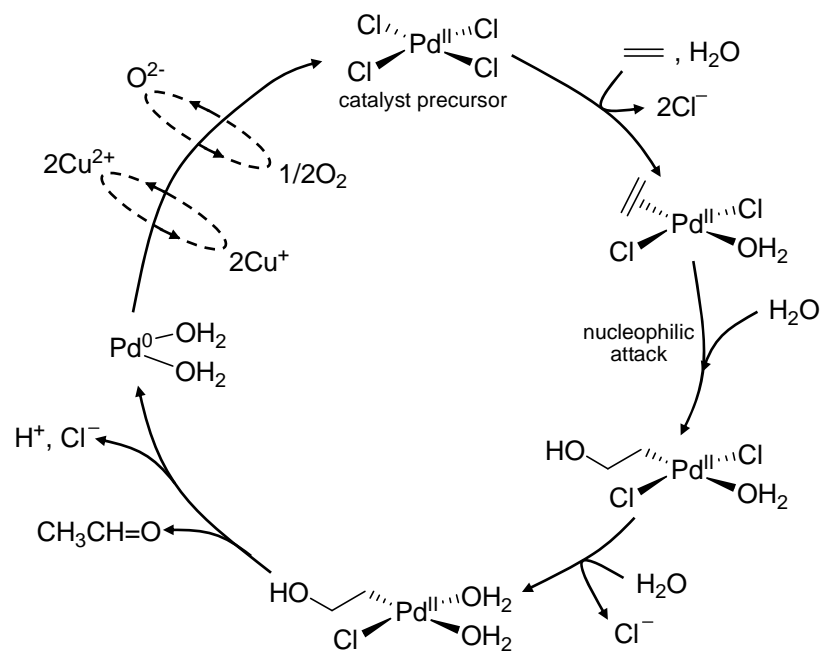


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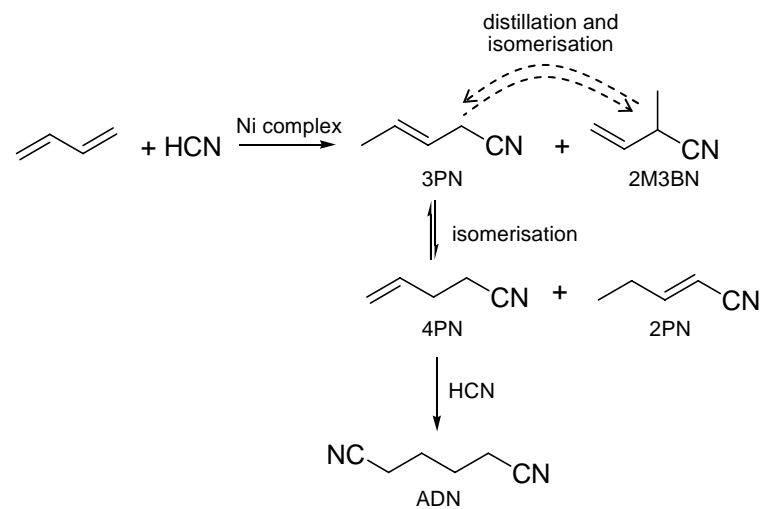


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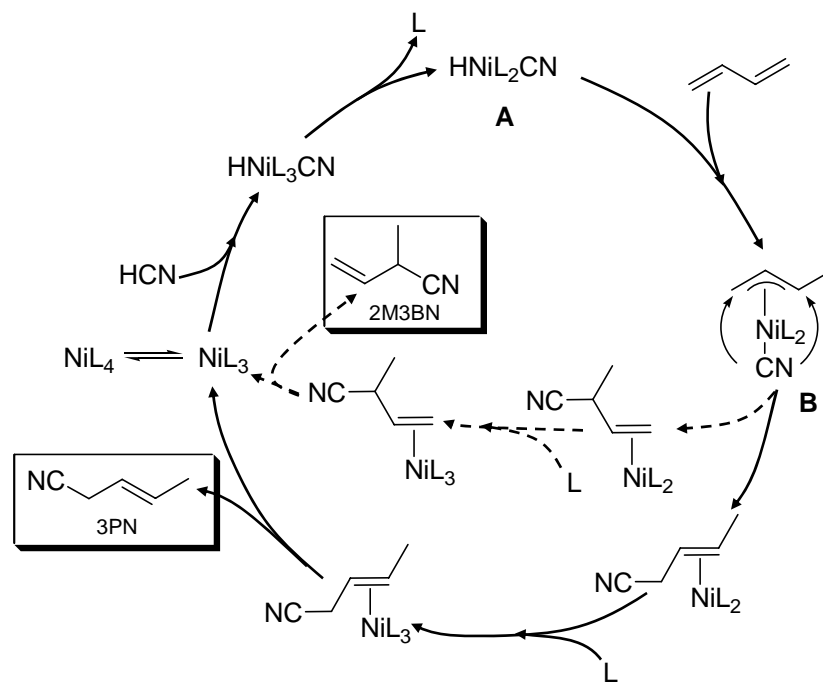


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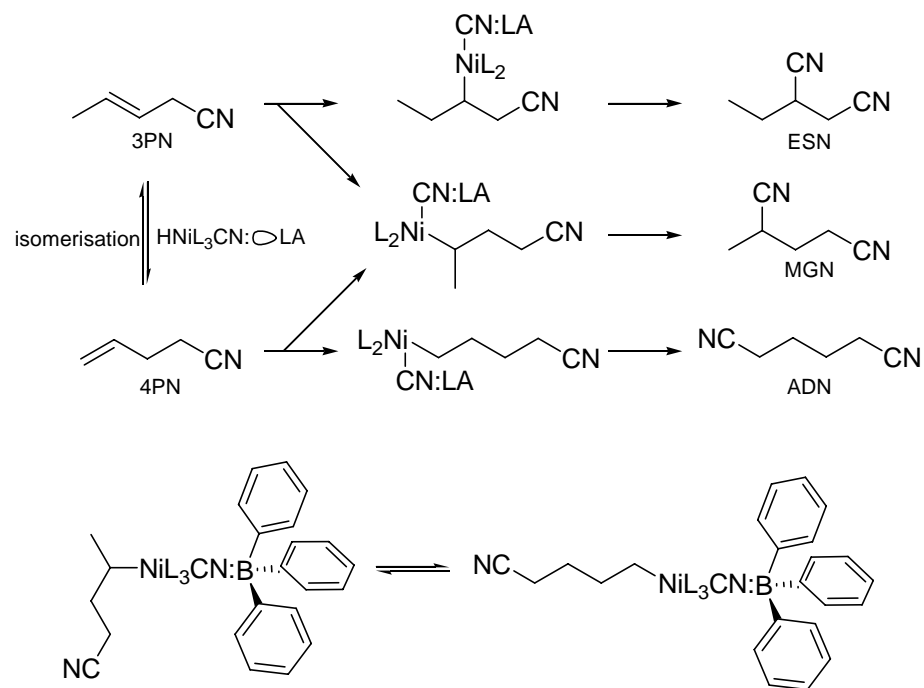


Figure 3.35

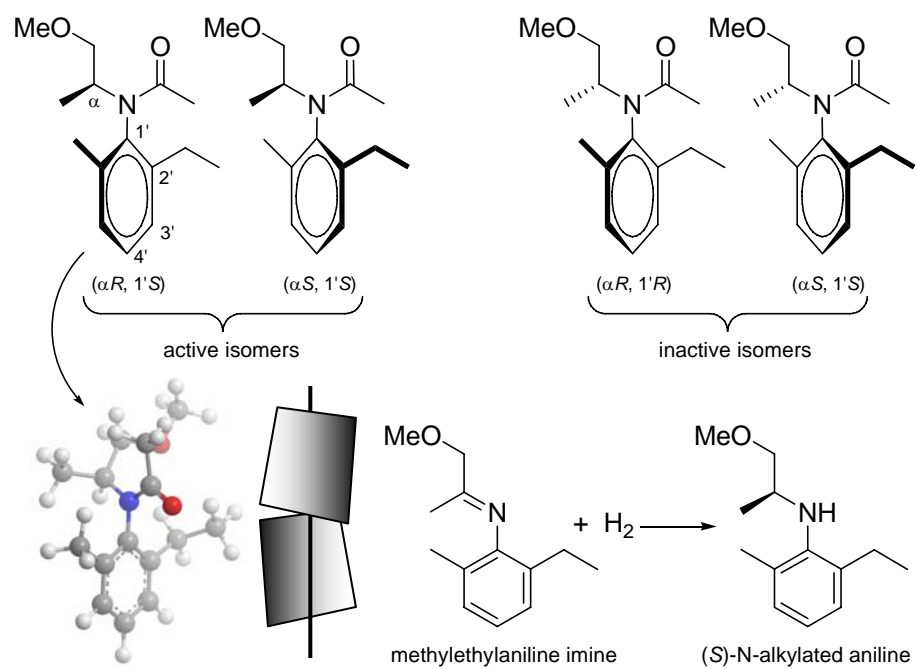
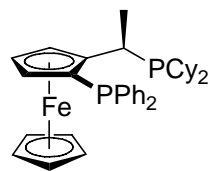
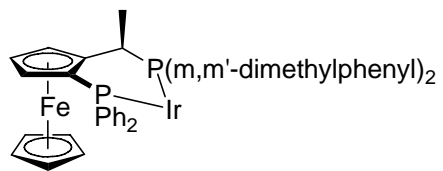


Figure 3.36



prototype Josiphos ligand



Ir-xylyphos catalyst

Figure 3.37

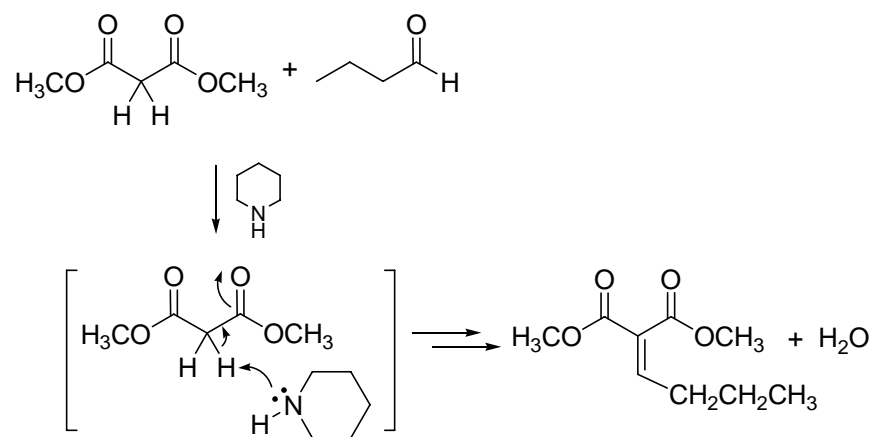


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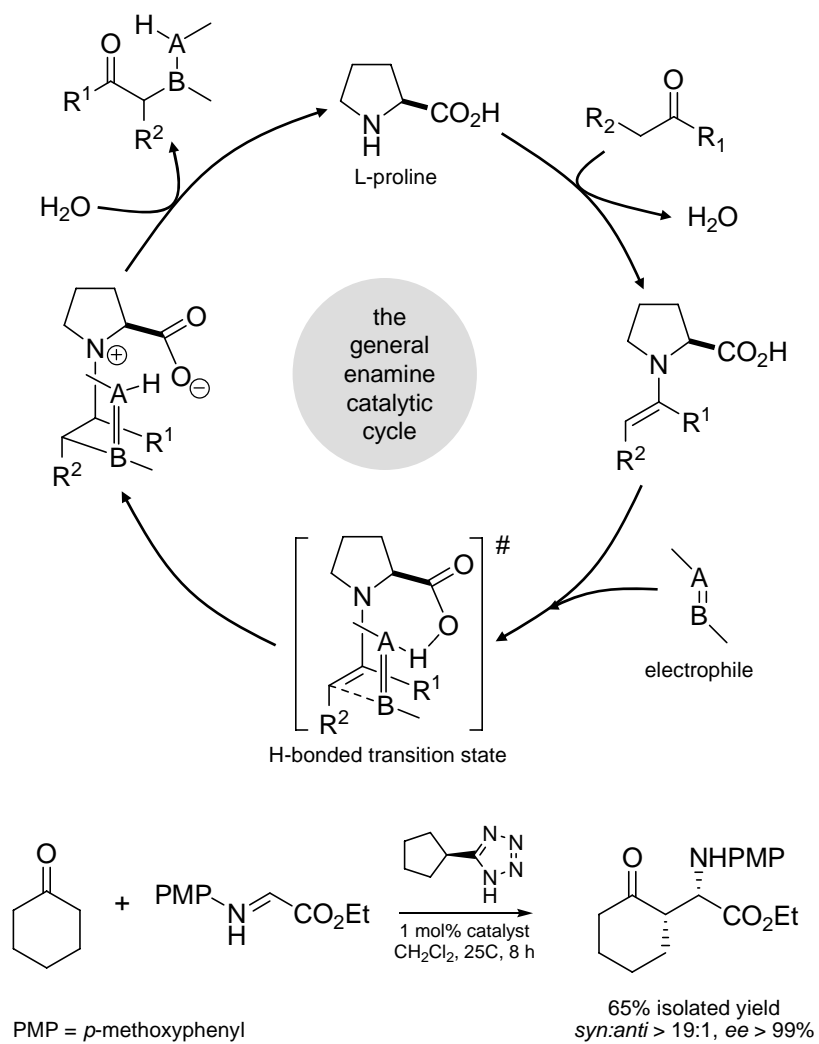


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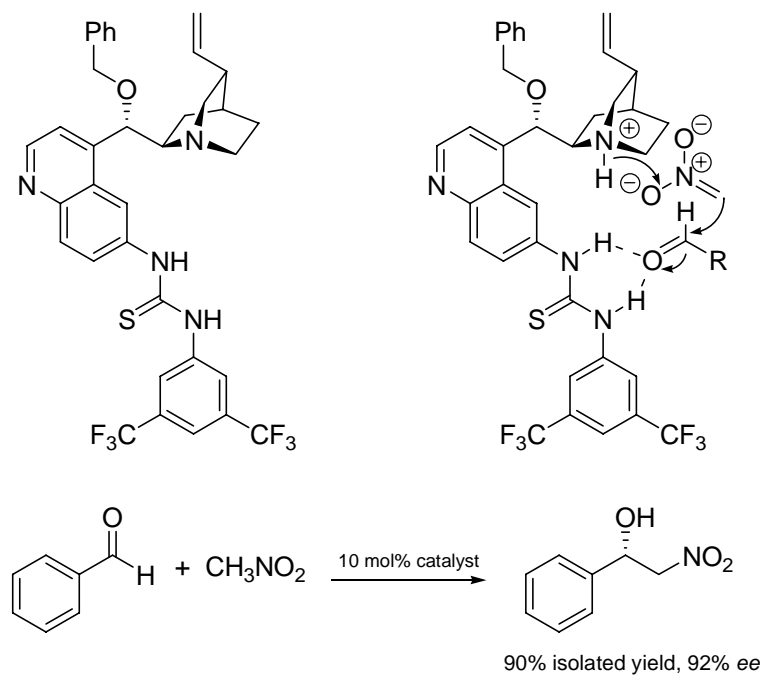


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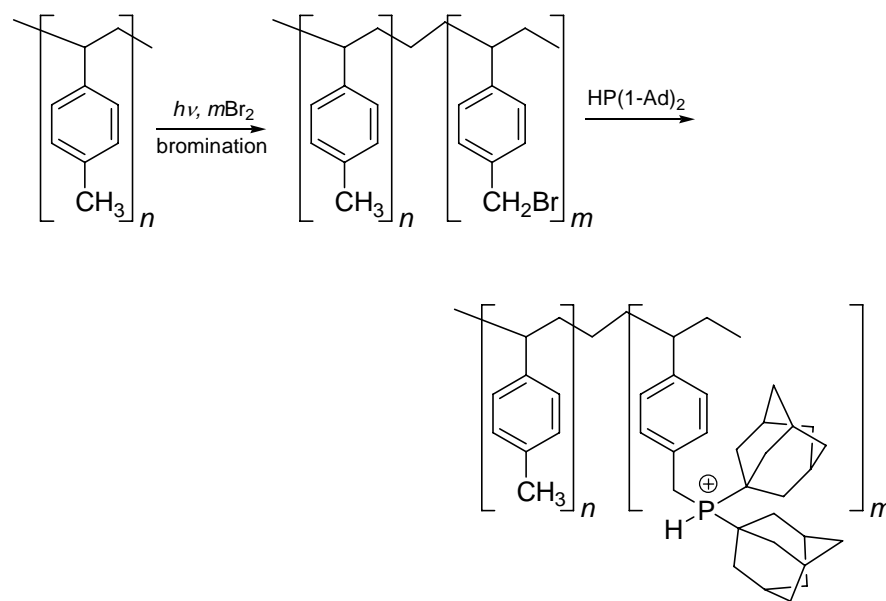


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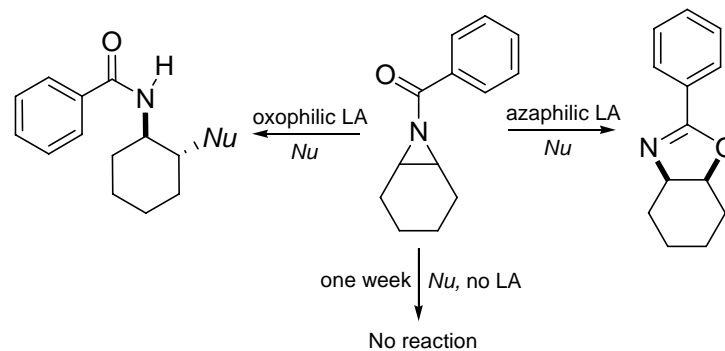


Figure 3.42

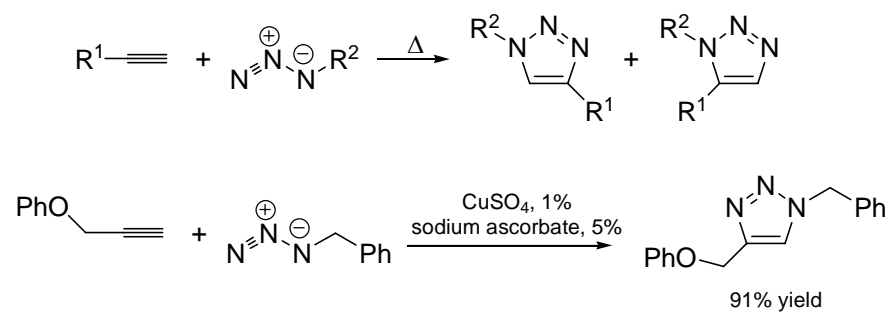


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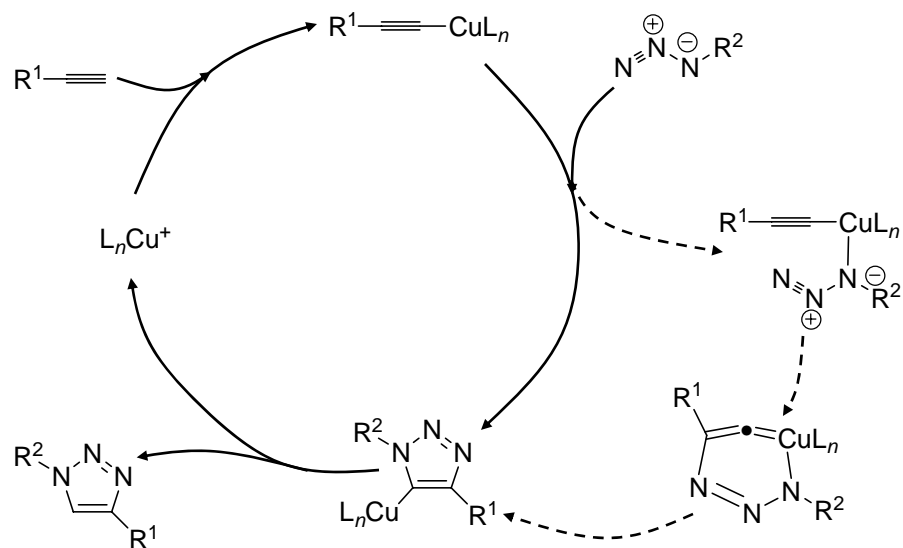


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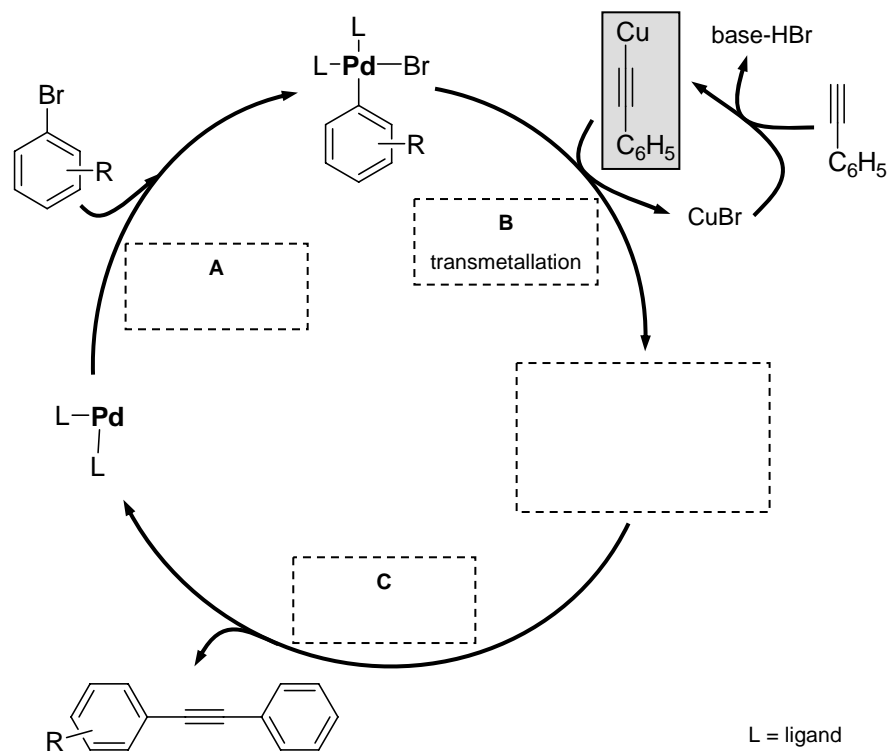


Figure 3.45

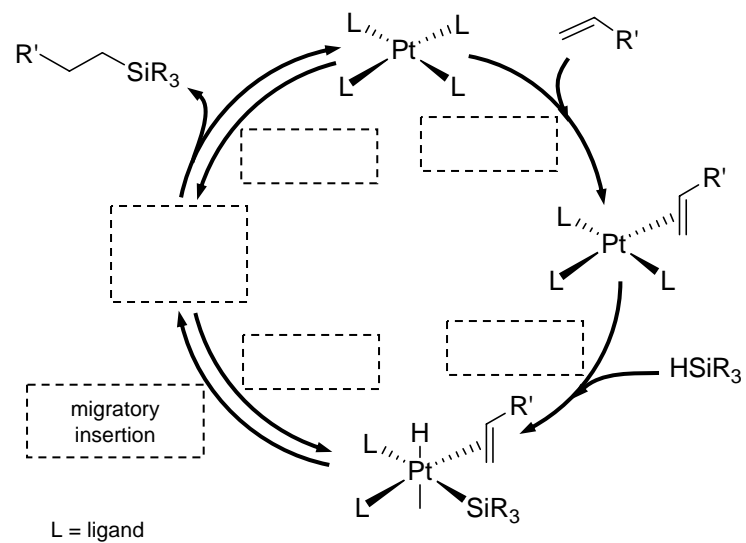


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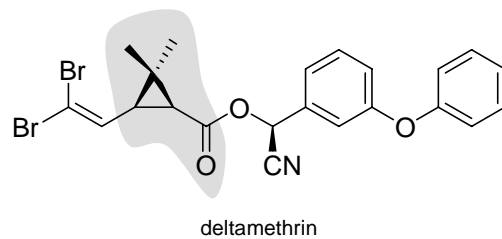
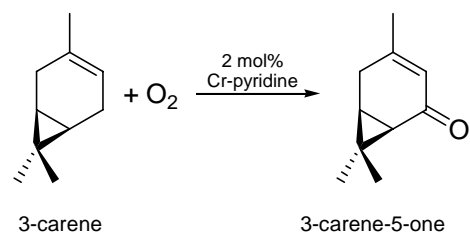


Figure 3.47

