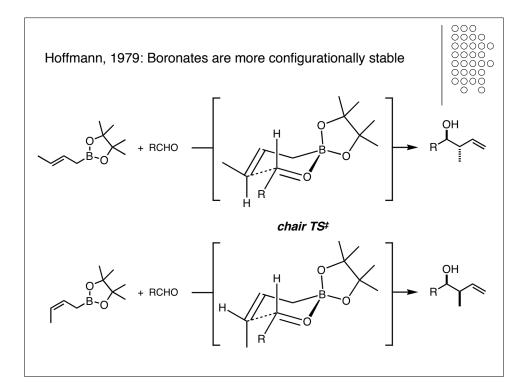
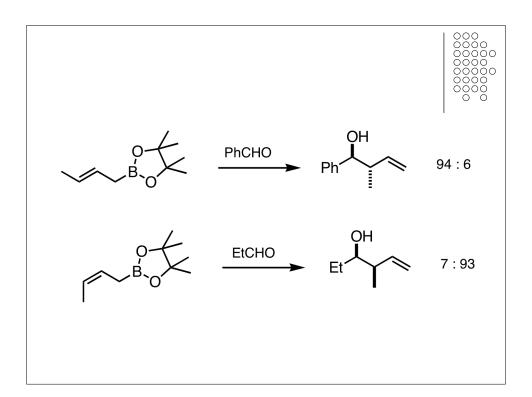
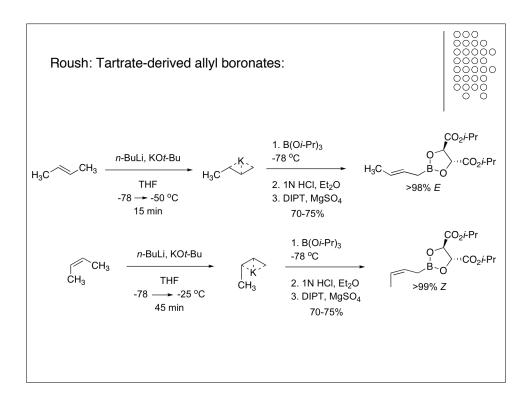
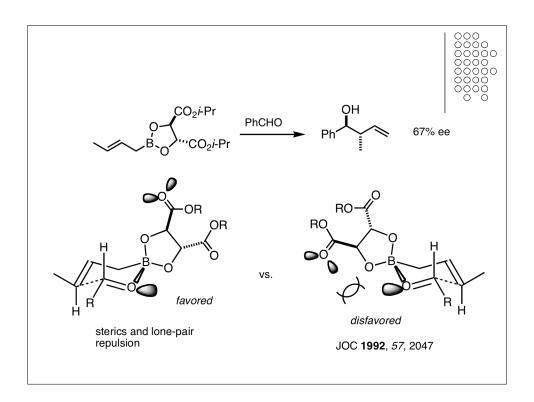


α-pinene	aldehyde	yield (%)	A:B	ee (%)
+	CH ₃ CHO	78	95:5	90
-	CH ₃ CHO	76	4:96	92
+	C₂H₅CHO	70	95:5	90
-	C₂H₅CHO	69	4:96	92
+	CH ₂ =CHCHO	65	95:5	90
+	C₀H₅CHO	79	94:6	88



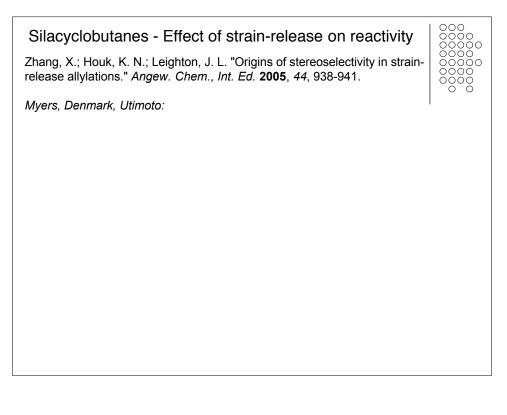


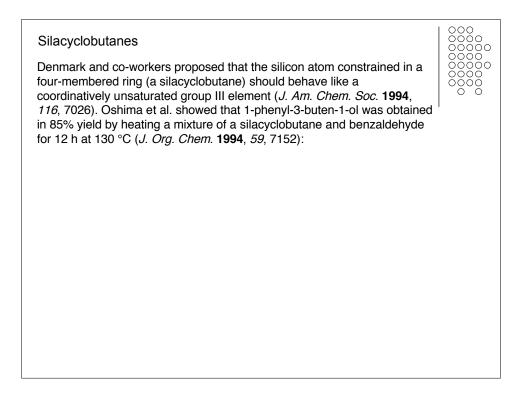


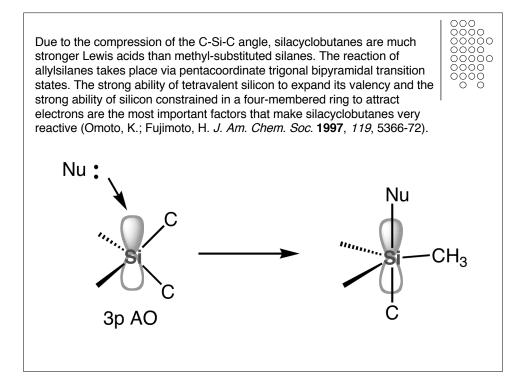


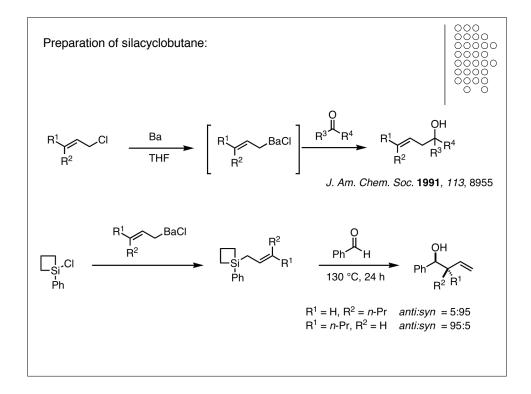
Hayward, M. M.; Roth, R. M.; Duffy, K. J.; Dalko, P. I.; Stevens, K. L.; Guo, J.; Kishi, Y. <i>Angew. Chem. Int. Ed.</i> 1998 , <i>37</i> , 192.	
	1

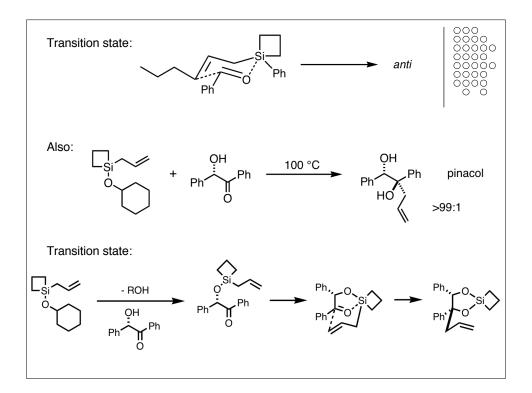


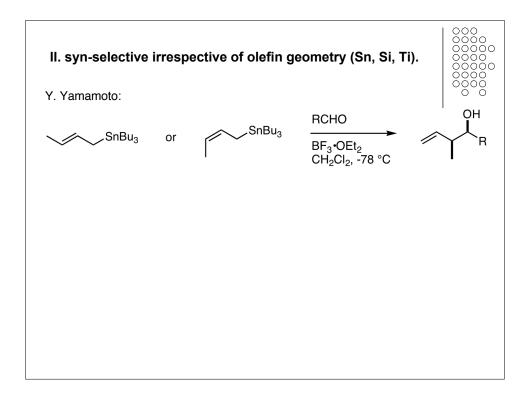


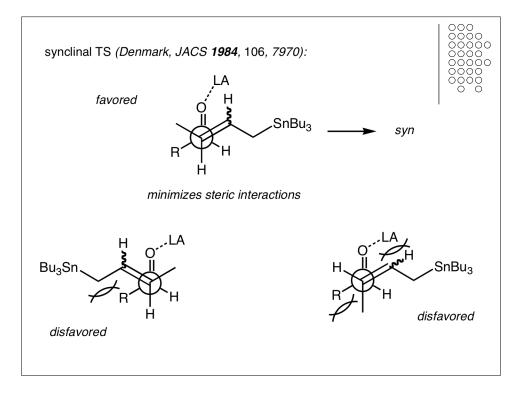


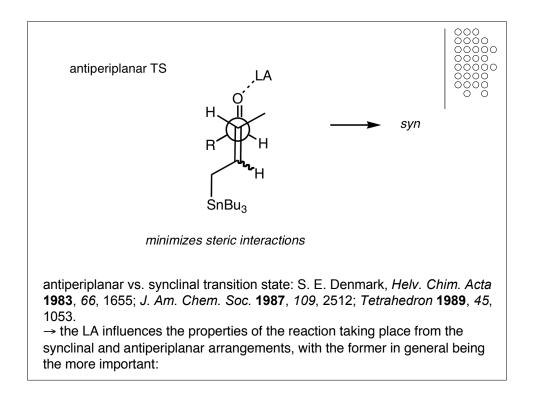


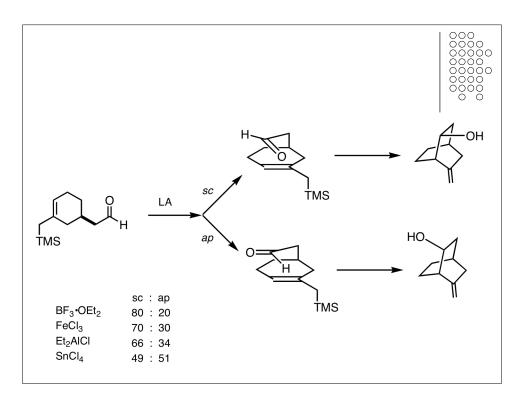


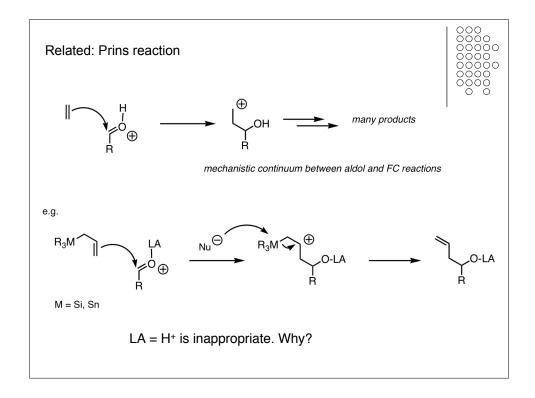


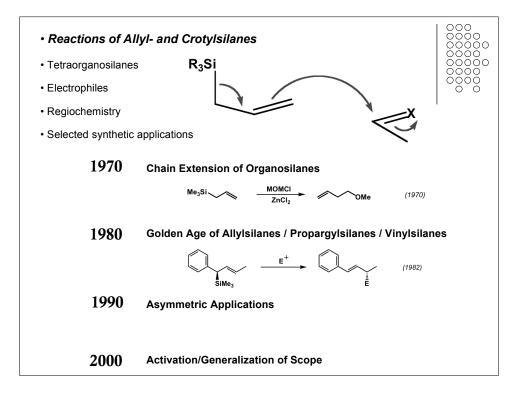


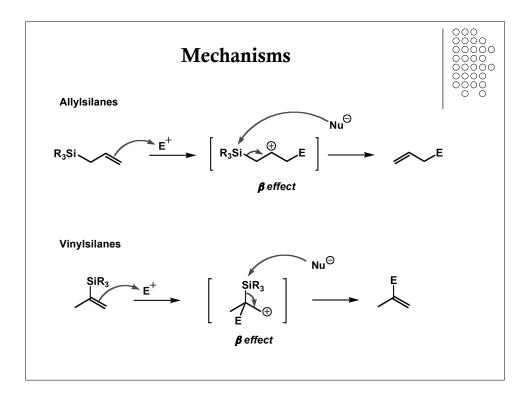


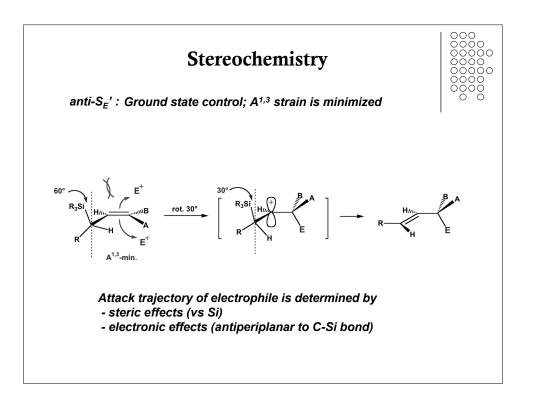


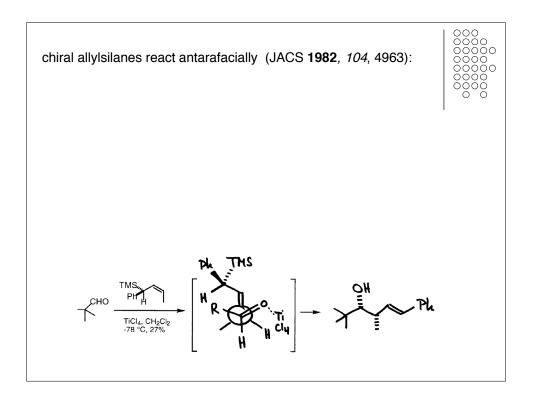


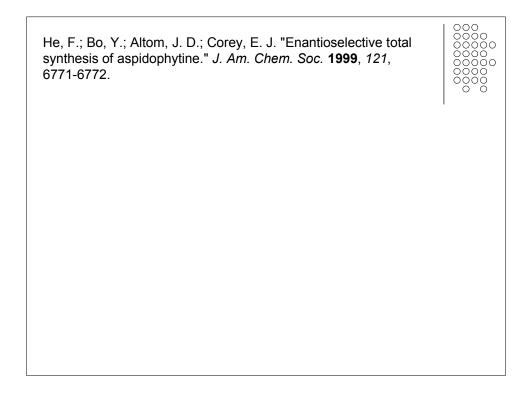


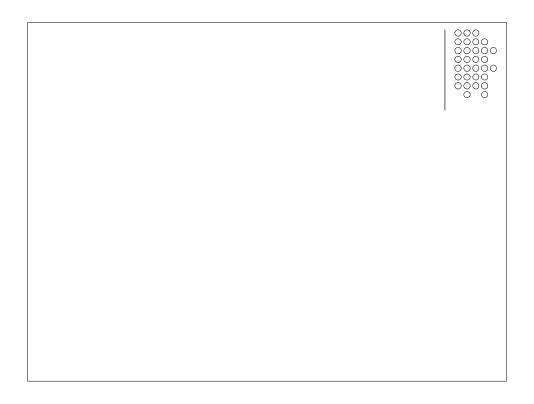






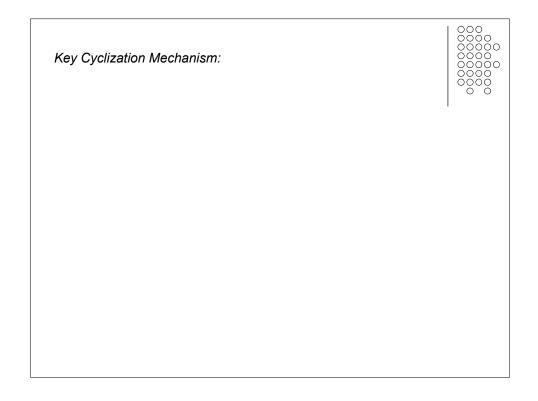


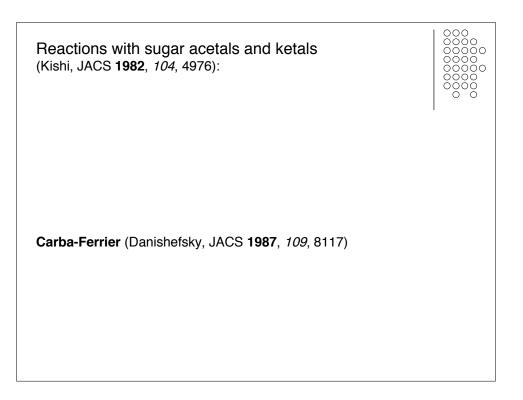


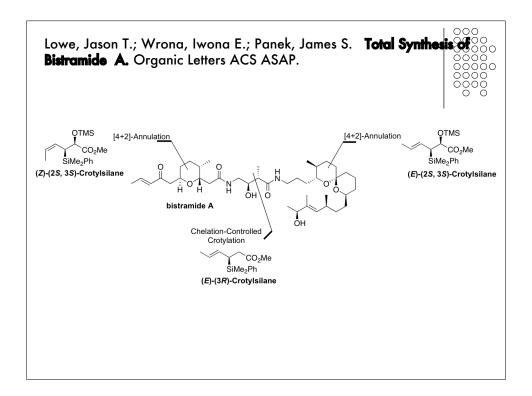


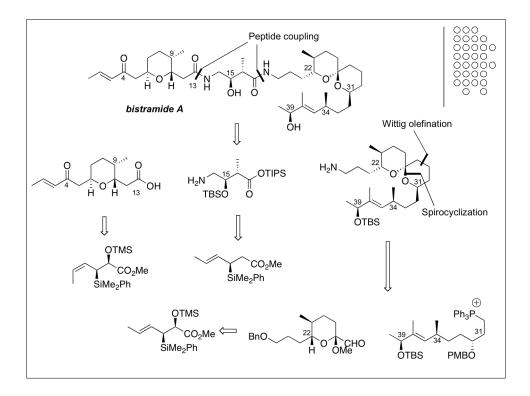


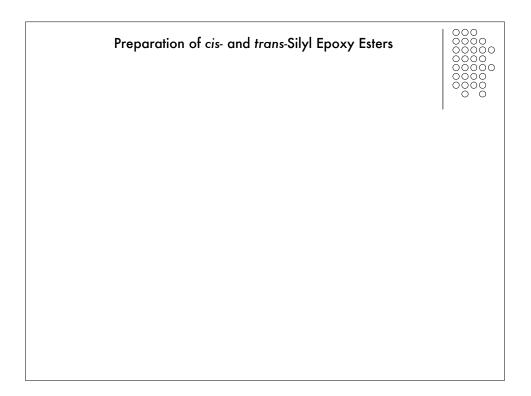




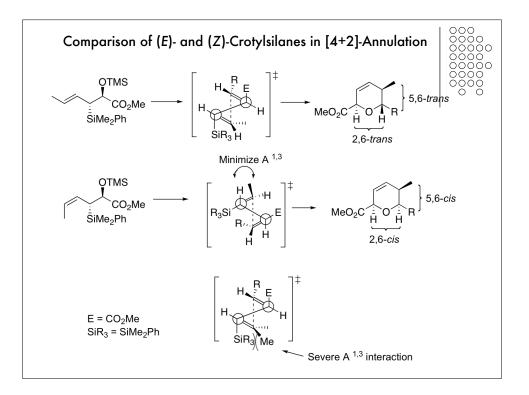


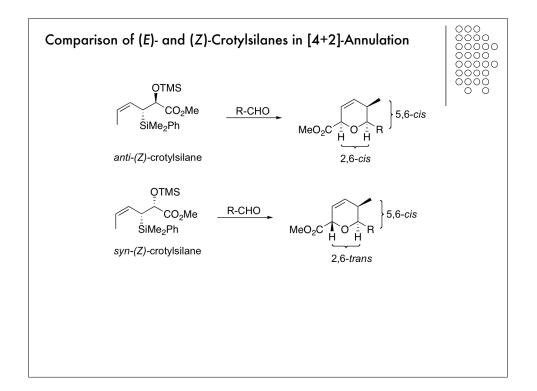


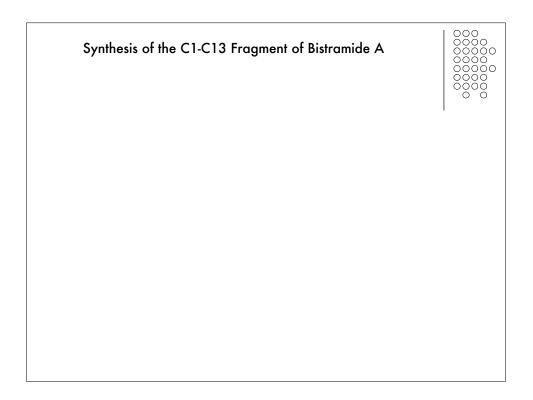


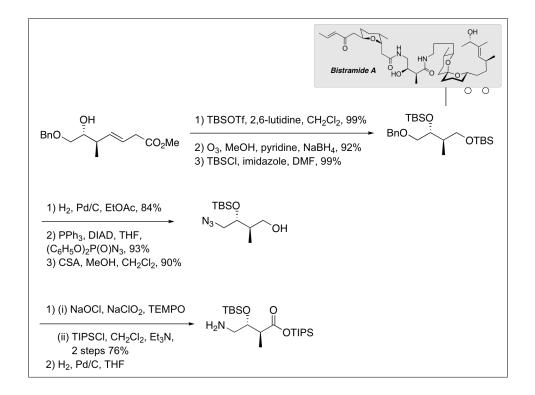


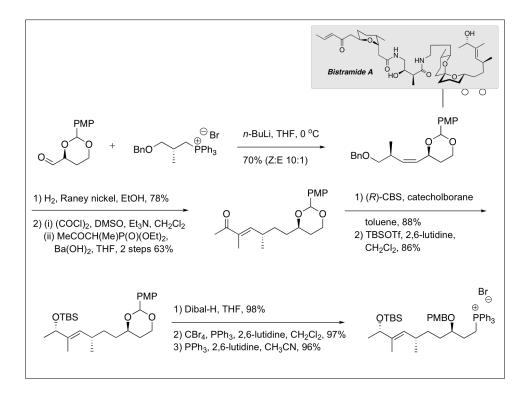
Preparation of cis- and trans-Silyl Epoxy Esters	000 0000 00000

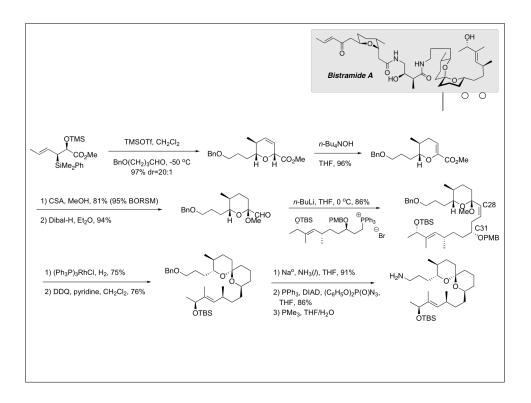


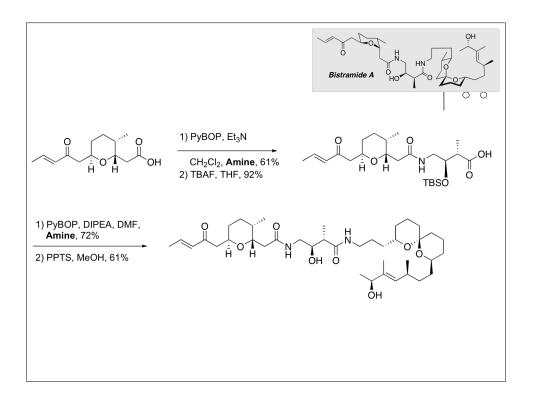


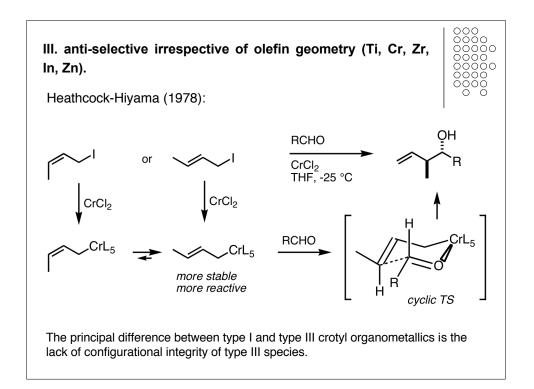


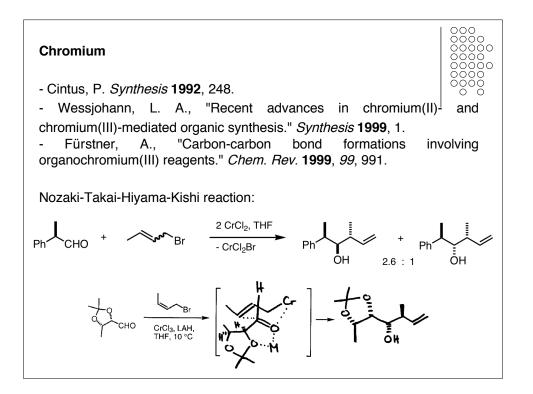


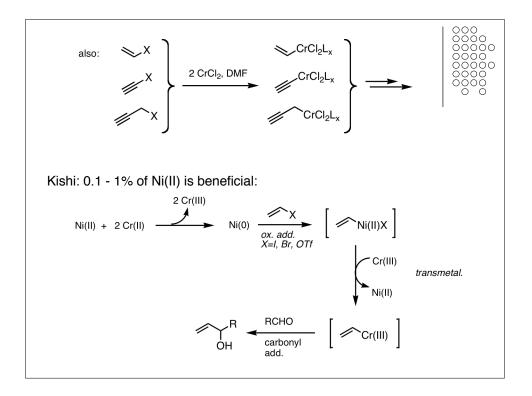




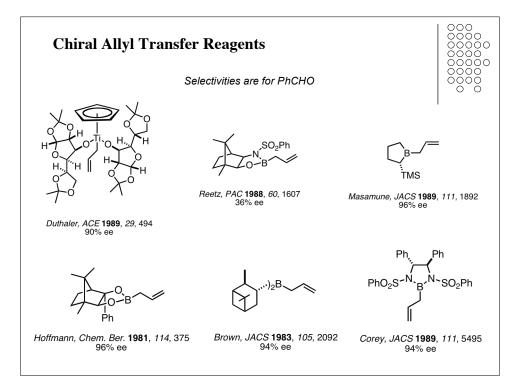


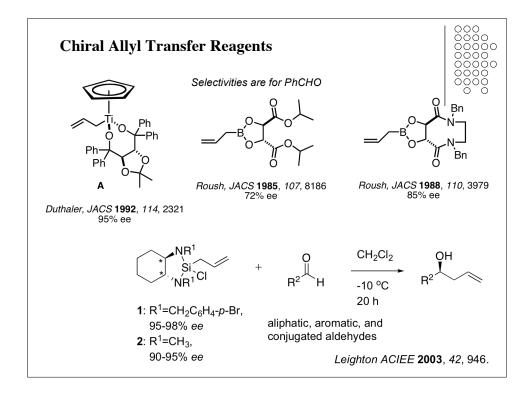


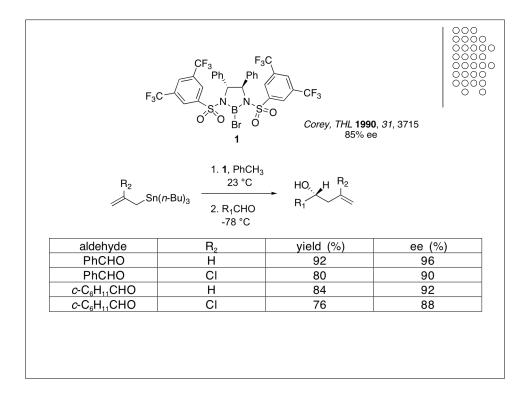


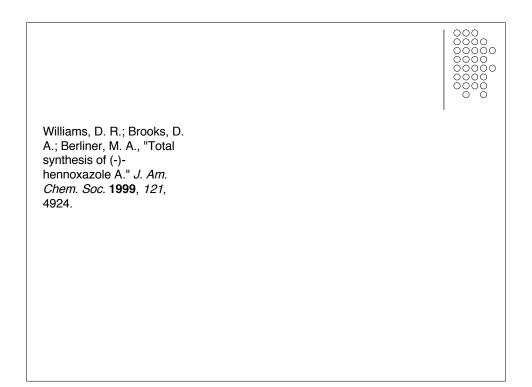


the functional group compatibility of this reagent is excellent: W.C. Still, JOC 1983 , <i>48</i> , 4785. Asperdiol.	
Wipf, P.; Kendall, C., "Tandem zirconocene homologation – aldimine addition." <i>Org. Lett.</i> 2001 , <i>3</i> , 2773-2776. Hydrozirconation of internal and terminal alkynes followed by <i>in situ</i> transmetalation to dimethylzinc and treatment with diiodomethane leads to chain extended allylic organometallics. Addition to <i>N</i> -phosphinoyl or <i>N</i> -sulfonyl aldimines provides homoallylic amines in 48-87% yield and 3:2 to >20:1 diastereomeric ratios favoring <i>anti</i> -products.	









Carreira: Angew. Chem. Int. Ed. Engl. 1996 , 35, 2363.	

Taylor, R. E.; Haley, J. D. <i>Tetrahedron Lett.</i> 1997 , <i>38</i> , 2061 (using the Keck protocol: Keck, G. E.; Geraci, L. S. <i>Tetrahedron Lett.</i> 1993 , <i>34</i> , 7827).	000 0000 00000 00000 0000 0000 0000 0000

