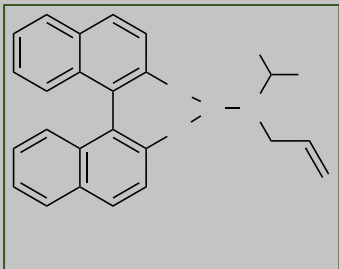


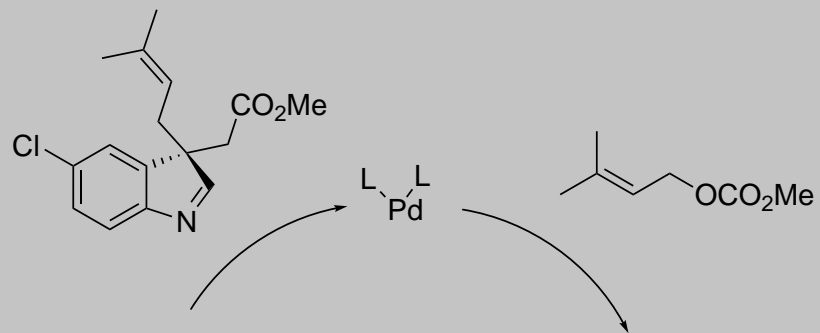
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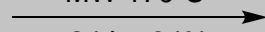




PBu₃ (2 eq.)

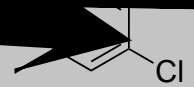
PhMe

MW 170°C

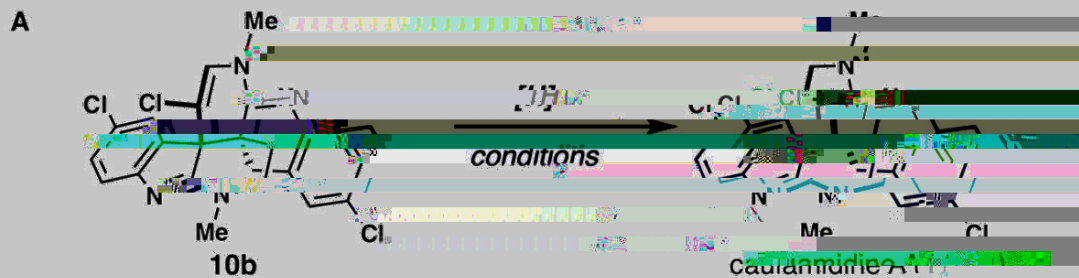


24 hr, 94%

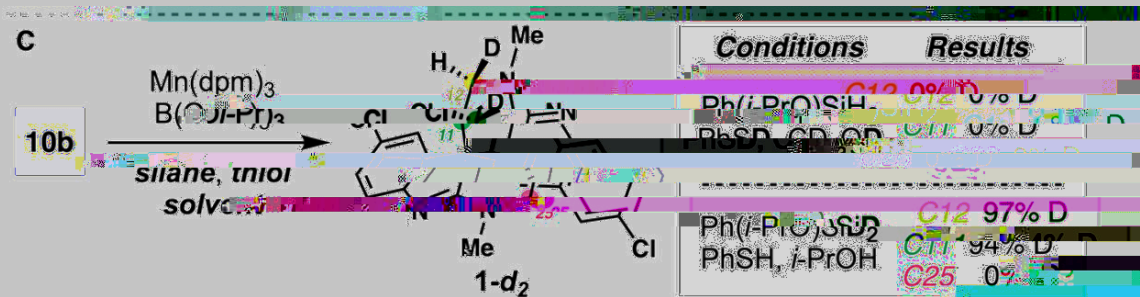
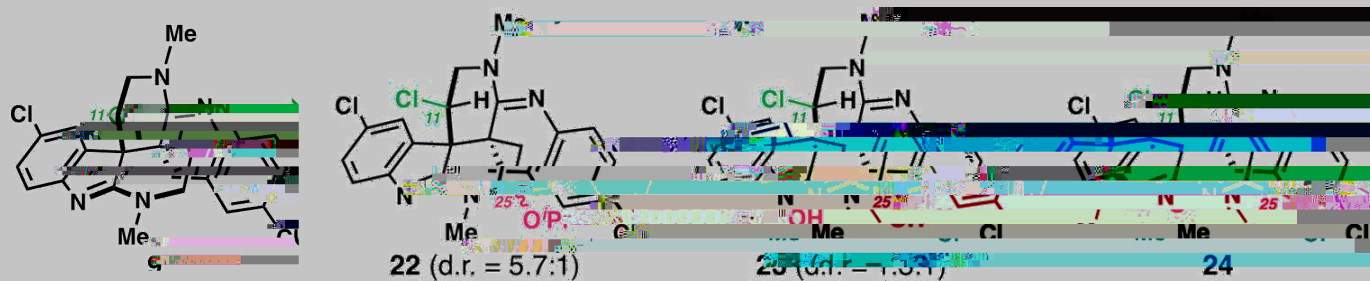


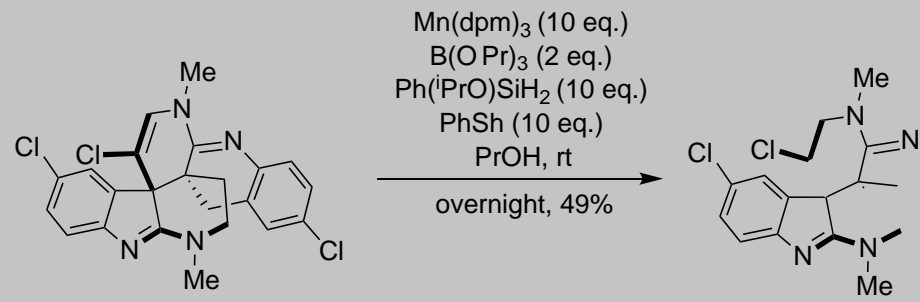


(1.1 eq.)
4 hr, 54%



Entry	Conditions	Reactants	Products
1	TEA, Et ₃ SiH, DCM	10b	22
2	H ₂ , PtO ₂ , AcOH/Et ₃ N	10b	22 (14%), 23 (6%)
3	FpCp ₂ , NaBH ₄ , EtOH/H ₂ O	10b	22
4	Cp ₂ CoCl ₂ , Et ₃ SiH, 1,4-C ₆ H ₄ ED, TBHP, <i>i</i> -PrOH, 25°C	10b	22
5	(rac) ₂ Co, PhSiH ₃ , EtOH	10b	22
6	Mn(dpm) ₃ , PhSiH ₃ , TBHP, EtOH	10b	22
7 ^b	Mn(dpm) ₃ , Ph(<i>i</i> -PrO)SiH ₂ , TBHP, EtOH	10b	22
8 ^c	Mn(dpm) ₃ , Ph(<i>i</i> -PrO)SiH ₂ , TBHP, <i>i</i> -PrOH	10b	22 (16%), 23 (9%), 24 (1%)
9 ^d	Mn(dpm) ₃ , Ph(<i>i</i> -PrO)SiH ₂ , TBHP, EtOH	10b	22 (62%), 23 (1%)
10 ^e	Mn(dpm) ₃ , Ph(<i>i</i> -PrO)SiH ₂ , TBHP, EtOH	10b	22





Mn(dpm)₃ (10 eq.)
B(OⁱPr)₃ (2 eq.)
Ph(ⁱPrO)SiH₂

