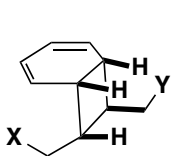


$\downarrow \text{H}_2/\text{Lindlar}$



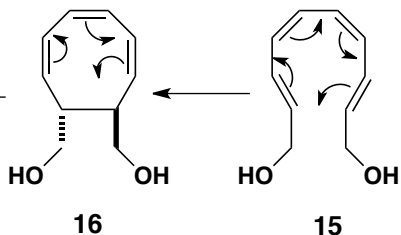
17, X = Y = OH

18, X = OSi^tBuPh₂, Y = OH

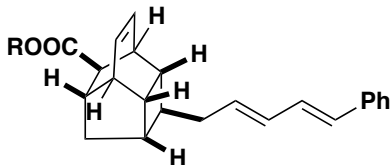
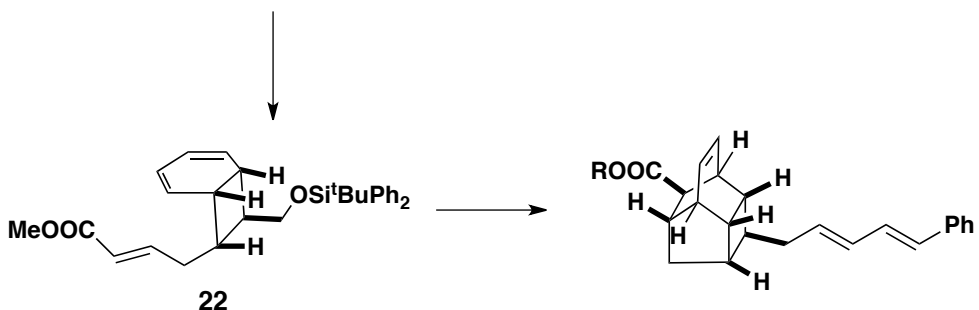
19, X = OSi^tBuPh₂, Y = Br

20, X = OSi^tBuPh₂, Y = CN

21, X = OSi^tBuPh₂, Y = CHO



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23, R = Me, X = OSi^tBuPh₂

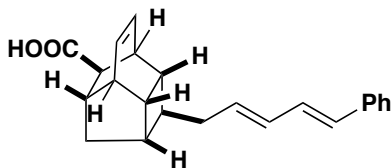
24, R = Me, X = OH

25, R = Me, X = Br

26, R = Me, X = CN

27, R = H, X = CN

28, R = H, X = CHO



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