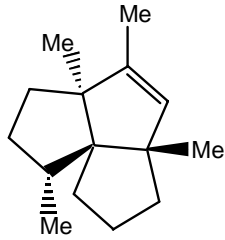


# 7. Gruppe: Naturstoffsynthesen

①

## 1. Isocomen

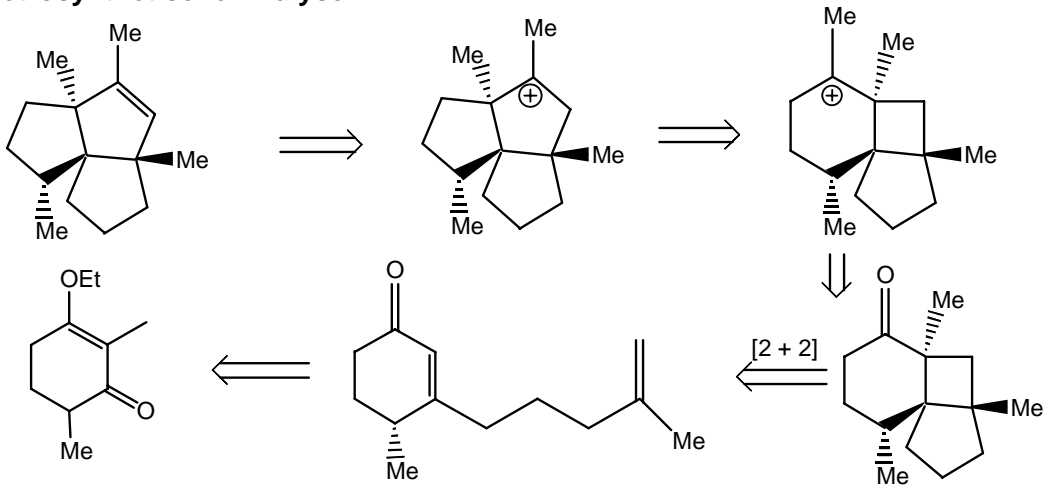


M.C. Pirrung (1979)

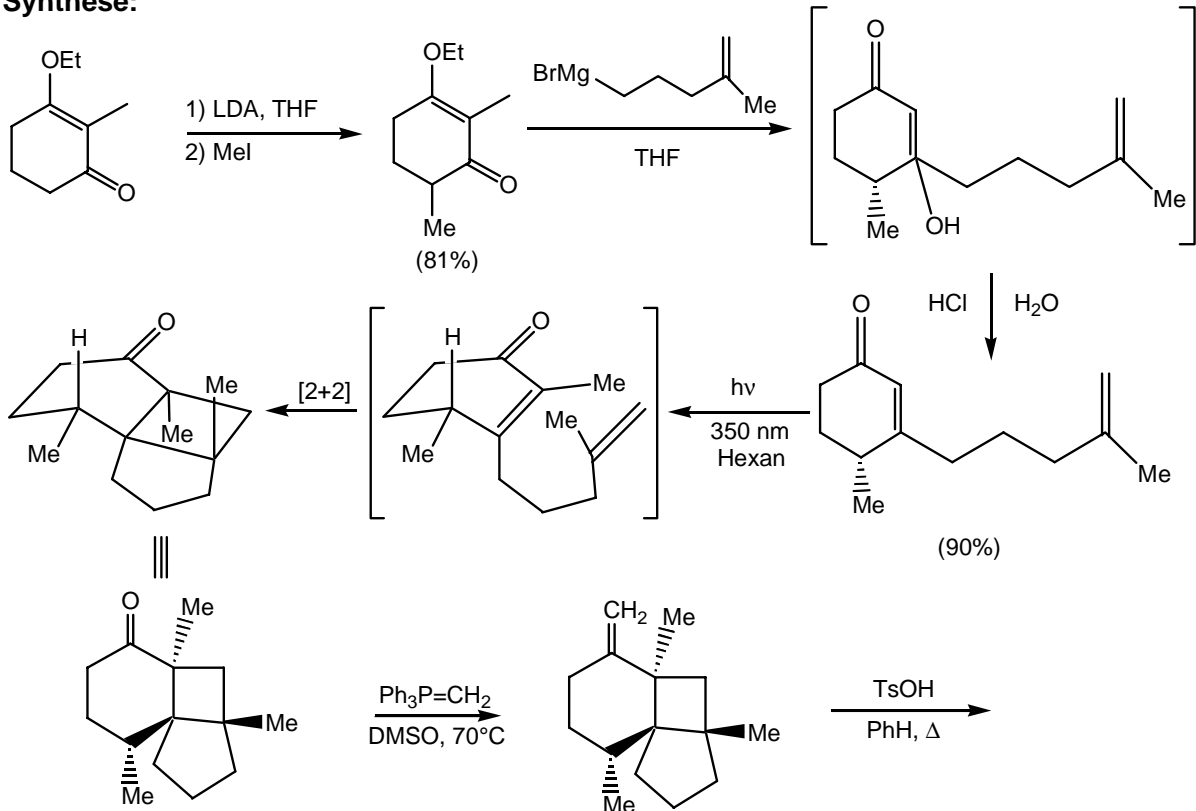
J. Am. Chem. Soc. **1979**, 101, 7130

J. Am. Chem. Soc. **1981**, 103, 82

### Retrosynthetische Analyse:

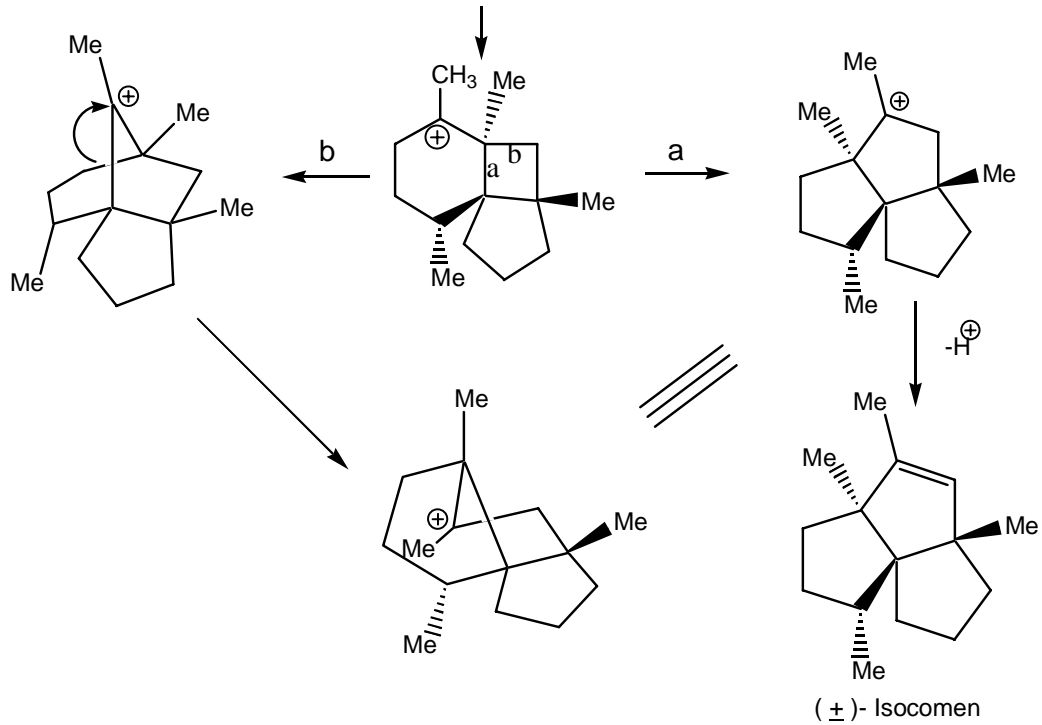


### Synthese:

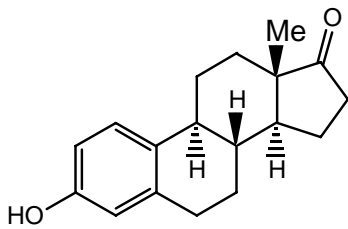


# 7. Gruppe: Naturstoffsynthesen

②

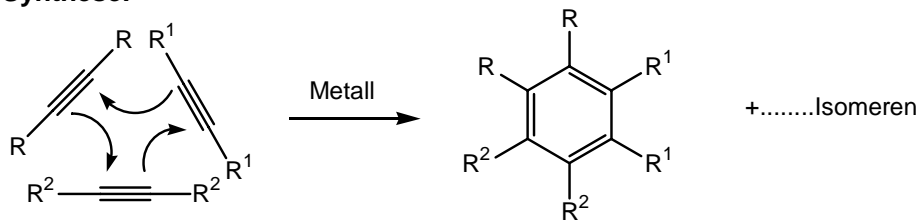


## 2. Estron - Synthese:

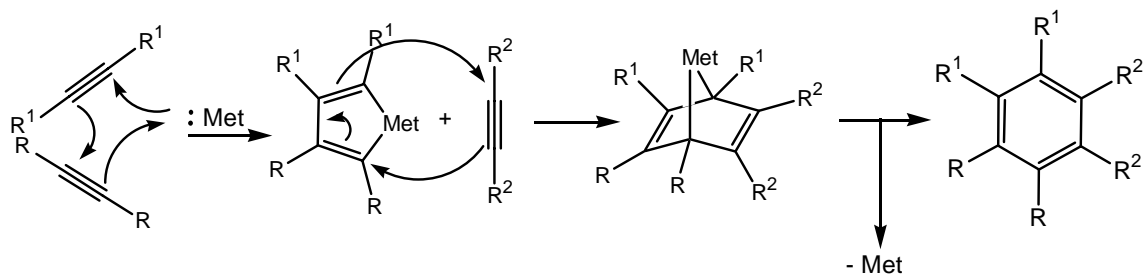


K.P.C. Vollhardt

## Reppe - Synthese:



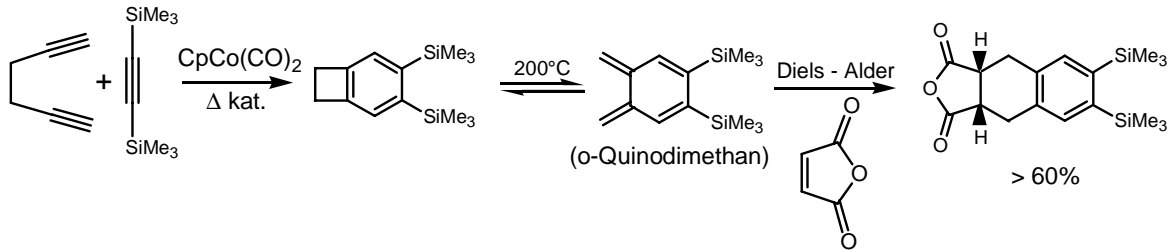
## Mechanismus:



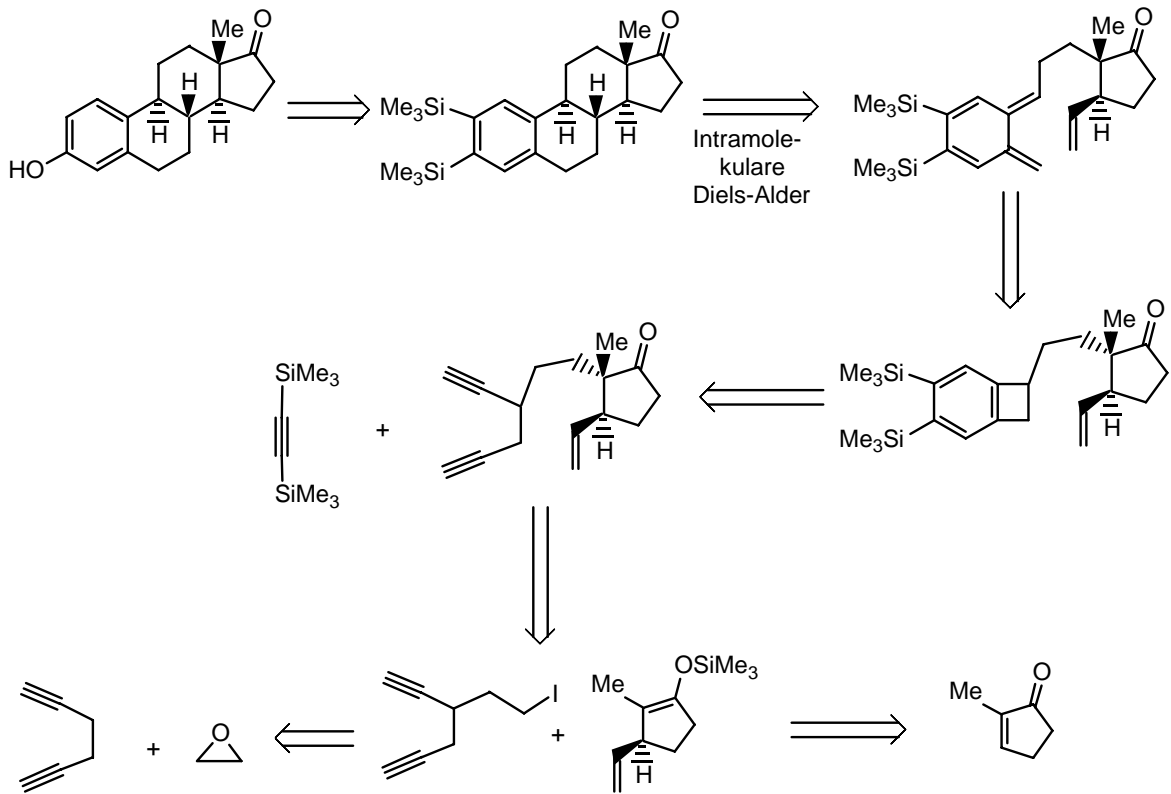
# 7. Gruppe: Naturstoffsynthesen

③

Bsp.:

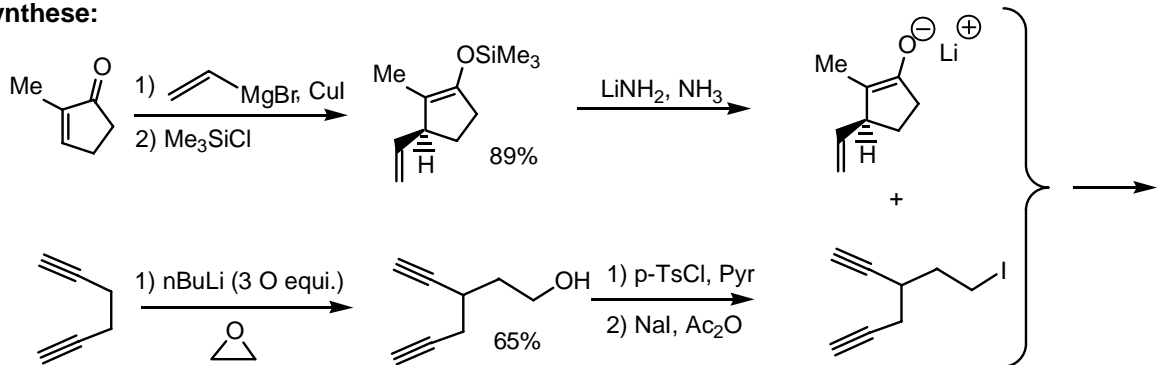


Retrosynthese:



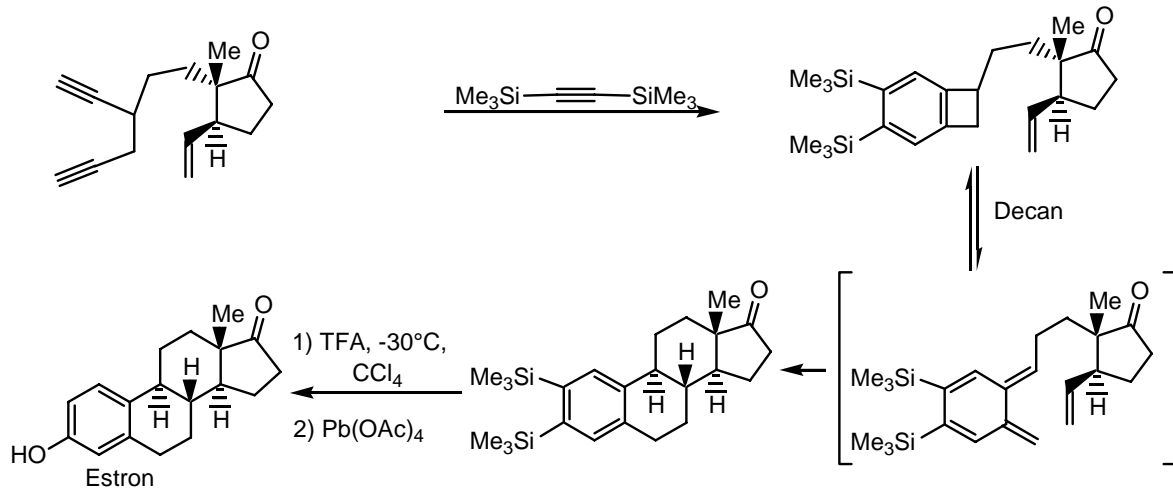
1,5-Hexdiin

Synthese:

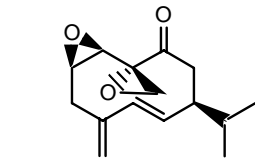


# 7. Gruppe: Naturstoffsynthesen

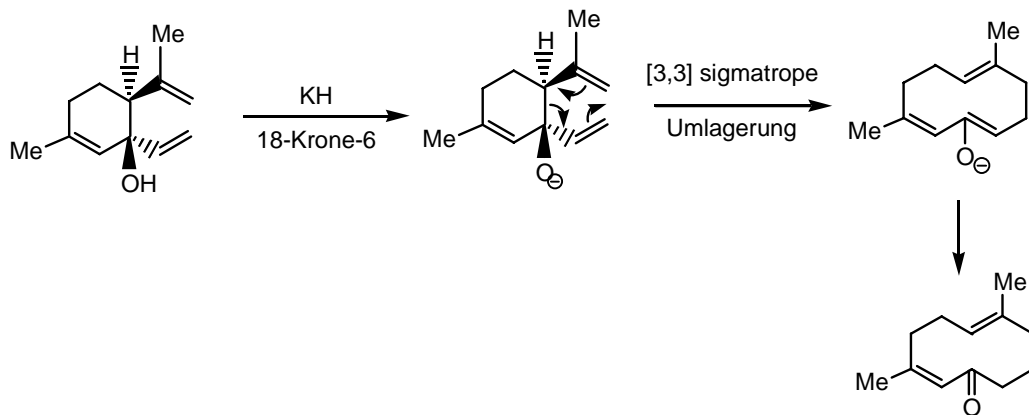
4



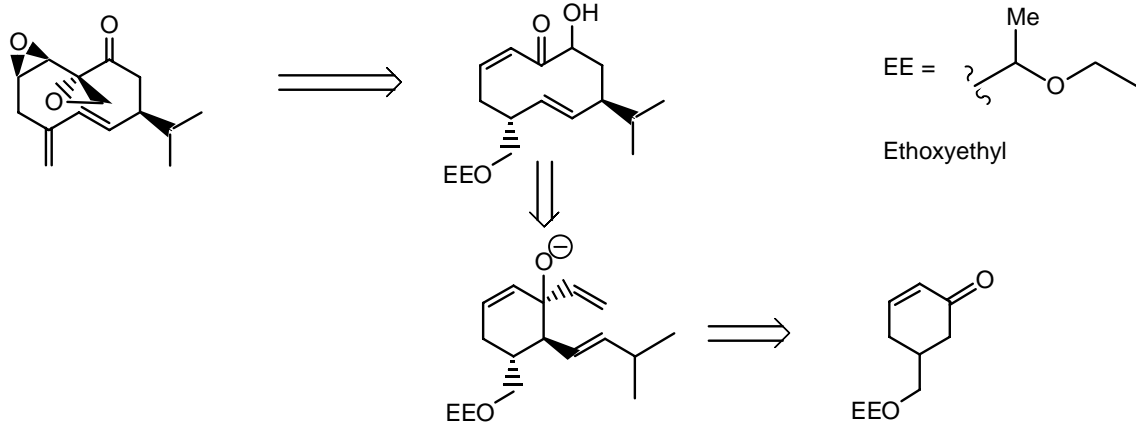
## 3. Periplanon B



W. C. Still, J. Am. Chem. Soc., **1979**, *101*, 2493



### Retrosynthese:



Synthese:

