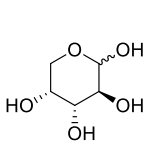
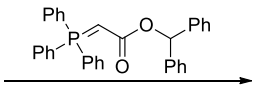
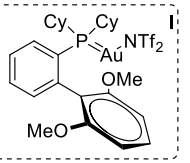
Total synthesis shows that putative Ovarectaene is likely identical with Epipyrone A
Preindl, J.; Schultoff, S.; Wirtz, C., Lingnau, J. and Furstner A.
ACIE, **2017**, *56*, 7525-7530

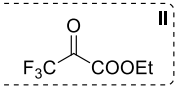


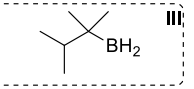


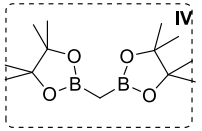
1) OsO_4, NMO.H_2O
2) Amberlyst, Et_2O
3) $BnOC(NH)CCl_3$, TfOH

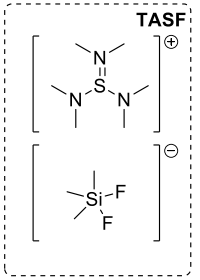
1) DIBAL-H
2) LDA, $TMSCH_2N_2$ *(name)*



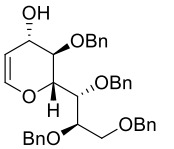








$[W(CO)_6]$, DABCO, $h\nu$

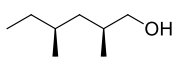


1) $POCl_3$, DMF
2) $NaClO_2$, $NaHPO_4$, H_2O_2 *(name)*
3) $TMSCH_2CH_2OH$, DEAD, *(name)*
4) $Pd(OH)_2/C$, H_2
5) TBSOTf, Py

1) LDA, I_2
2) Pd cat., CuI 

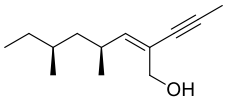
A

1) Au cat. **I**
2) DMP
3) CHI_3, $CrCl_2$



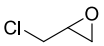
name?
1) $(COCl)_2$ TEA, DMSO
2) CBr_4 PPh_3
3)nBuLi, then $(CH_2O)n$

1) **II**, then thexylborane **III,** then Me_3NO
then Pd cat



1) $PhMe_2SLi$, CuCN
2) DMP
3) $NaClO_2$, $NaHPO_4$, H_2O_2
4) $TMSCH_2CH_2OH$, DEAD

B



1) $NaNH_2$, NH_3, acetylene
2) nBuLi, Bu_3SnH, CuCN
3) SO_3.Py

1) $Ph_3PCHCOOEt$
2) DIBAL
3) SO_3.Py

1) **IV**, LiTMP

C

C + B

Pd cat.

1) **A**,Pd cat.
2) TASF, DMF