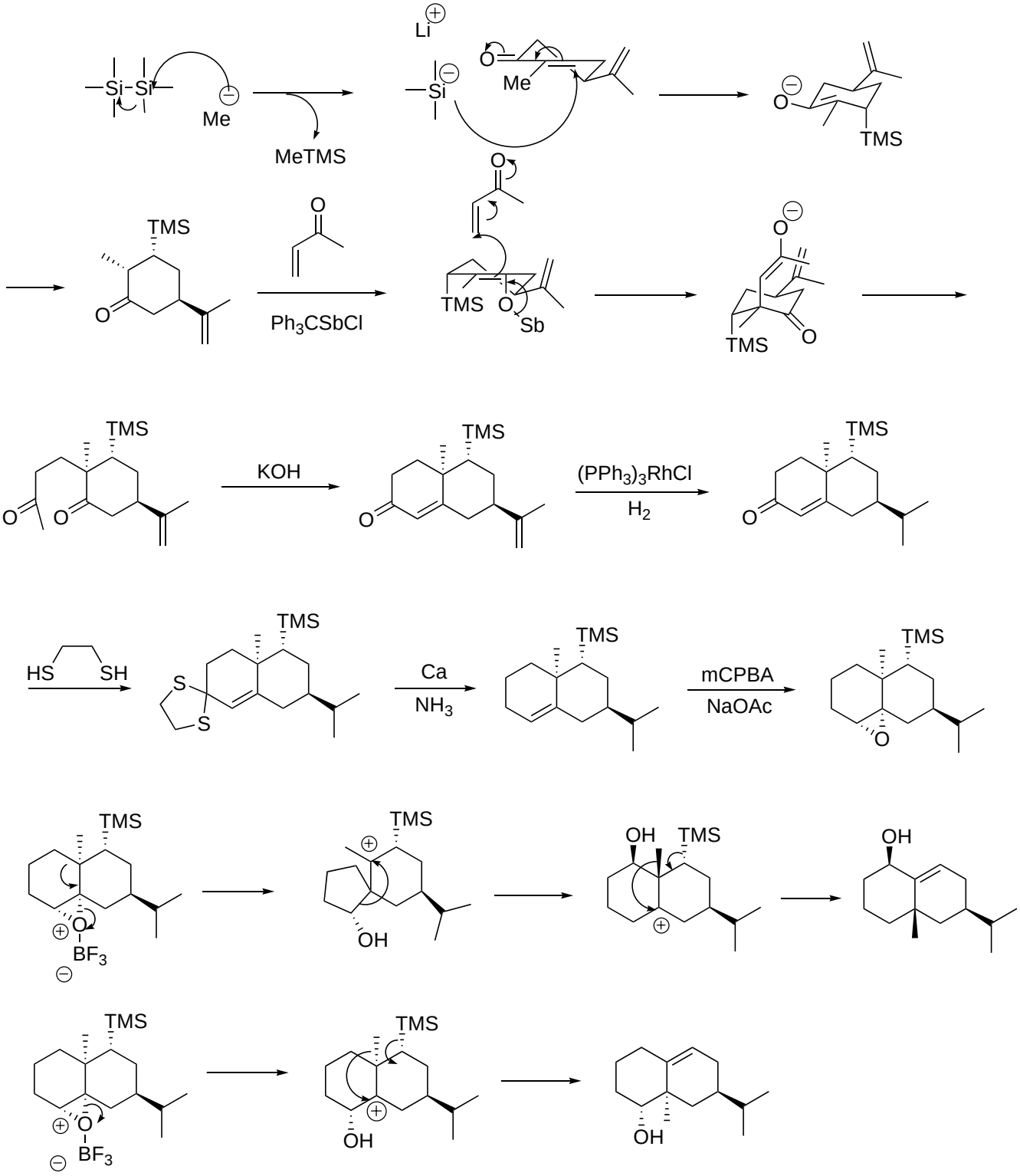
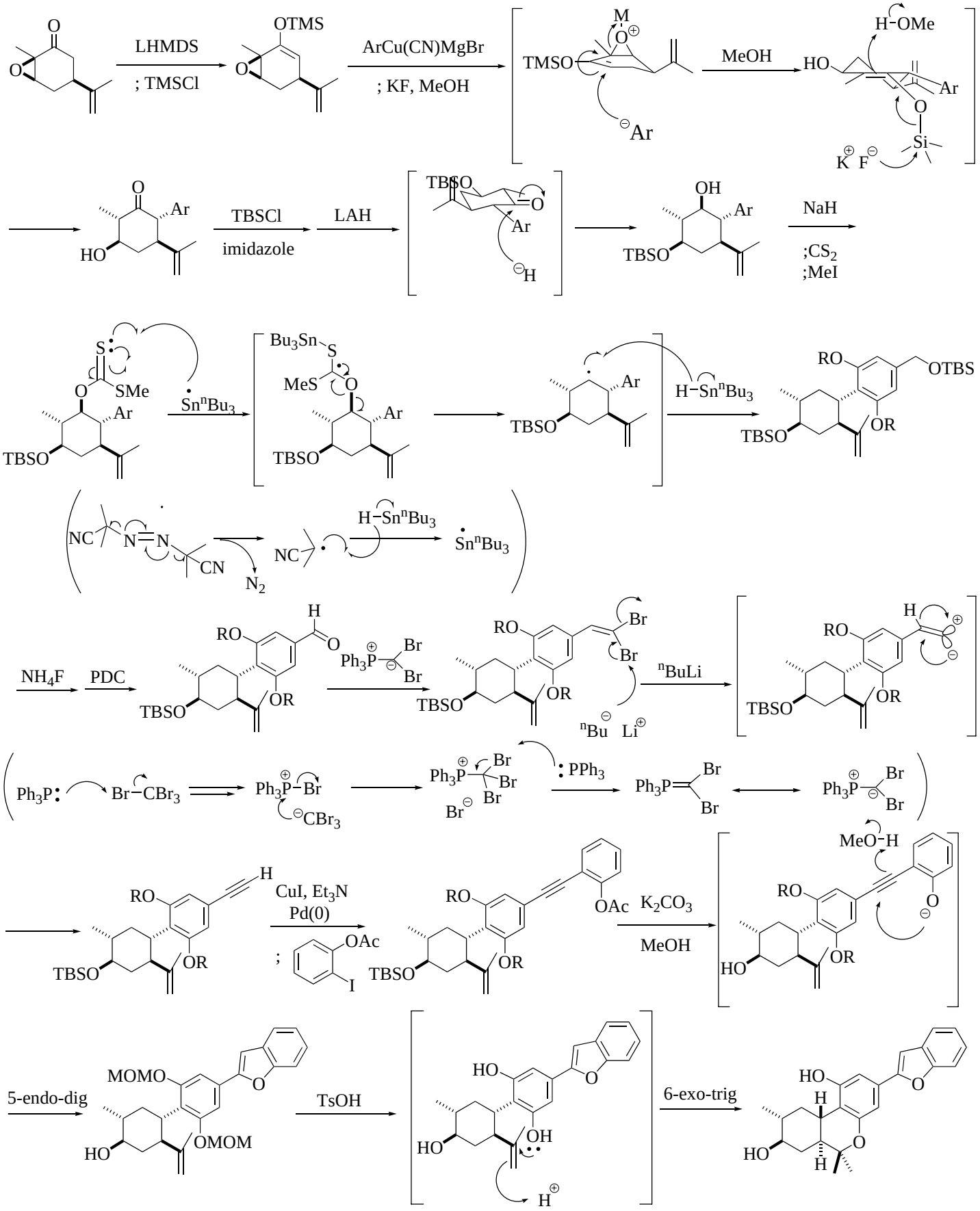

Li
Si
Si
Me
MeTMS
Si
O
Me
O
TMS
TMS
O
O
Ph3CSbCl
TMS
O
Sb
O
TMS
O
TMS
O
O
KOH
TMS
O
(PPh3)3RhCl
H2
TMS
O
HS
SH
TMS
S
S
Ca
NH3
TMS
mCPBA
NaOAc
TMS
O
TMS
O
BF3
TMS
OH
OH
TMS
OH
TMS
O
BF3
TMS
OH
OH


LHMDS
; TMSCl
OTMS
ArCu(CN)MgBr
; KF, MeOH
TMSO
M
Ar
MeOH
H-OMe
HO
Ar
K F
Si
TBSCl
imidazole
LAH
TBSO
H
OH
NaH
;CS2
;MeI
Bu3Sn
MeS
SMe
Sn^nBu3
H-Sn^nBu3
RO
OTBS
OR
NC
CN
N2
NH4F
PDC
Ph3P
Br
^nBuLi
^nBu Li
Ph3P:
Br-CBr3
CBr3
: PPh3
CuI, Et3N
Pd(0)
OAc
I
K2CO3
MeOH
MeO-H
5-endo-dig
MOMO
OMOM
TsOH
6-exo-trig