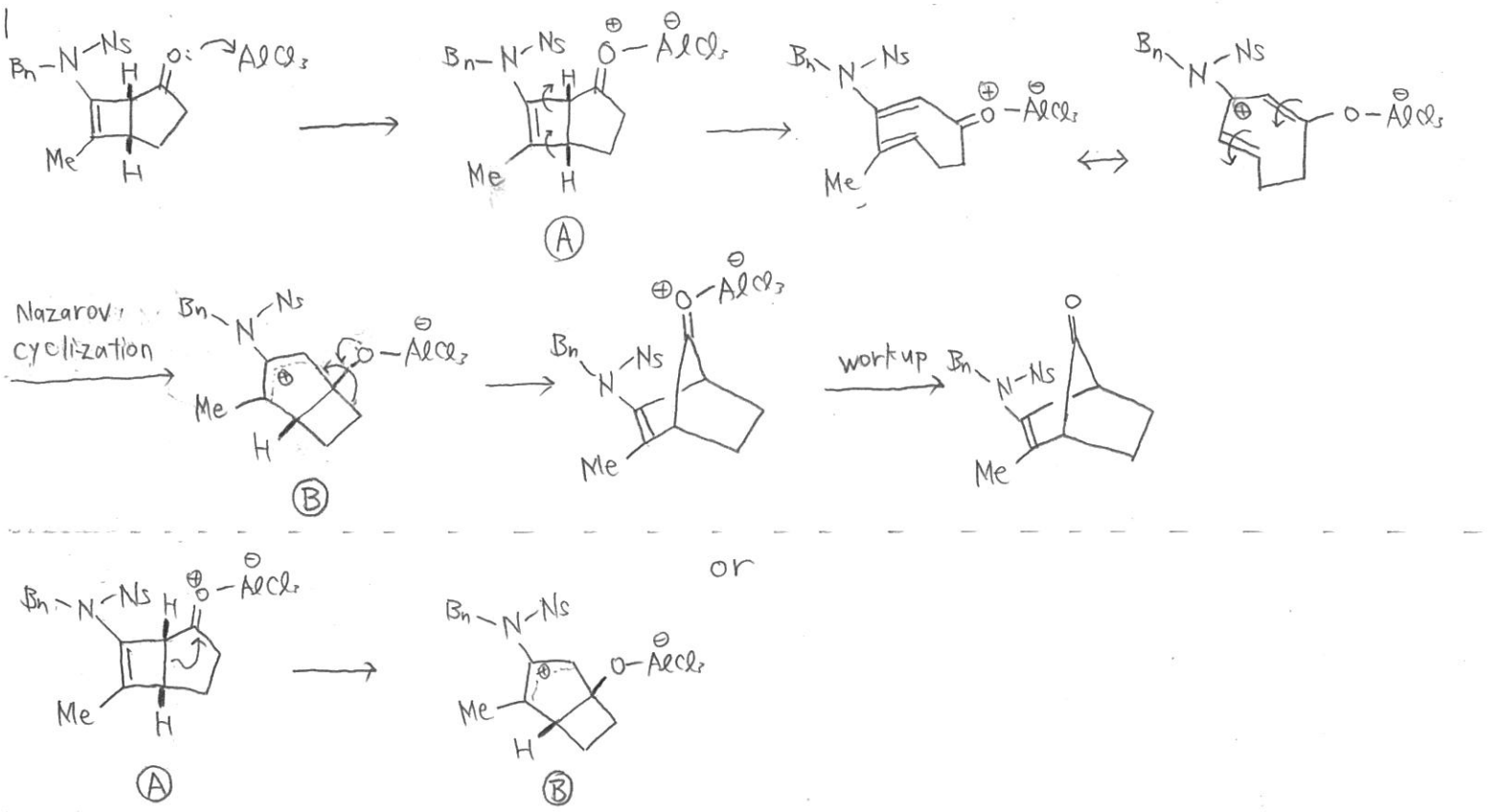
1



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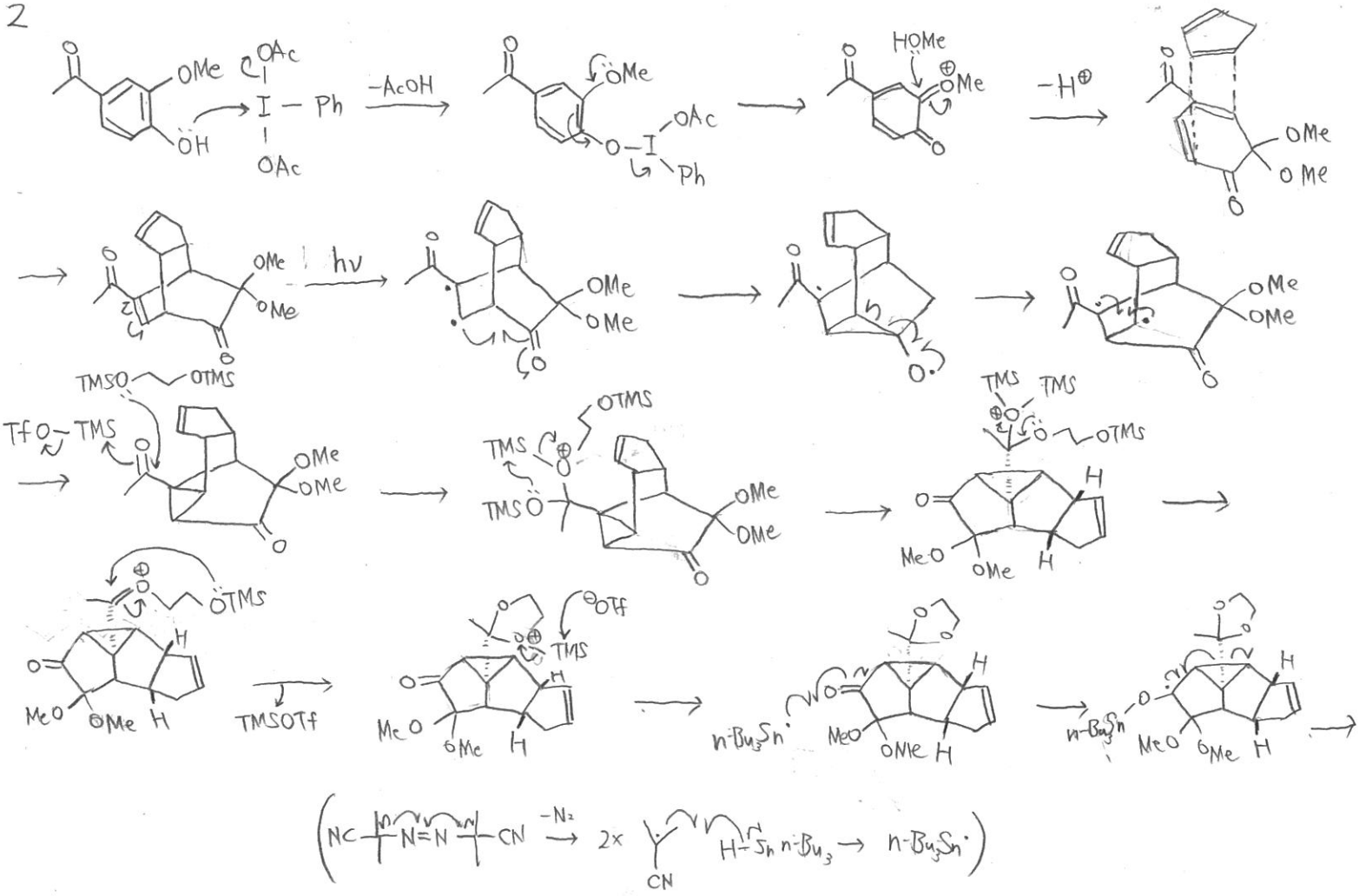
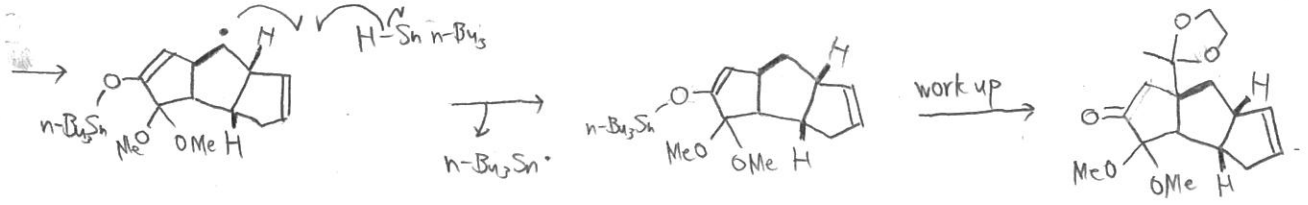
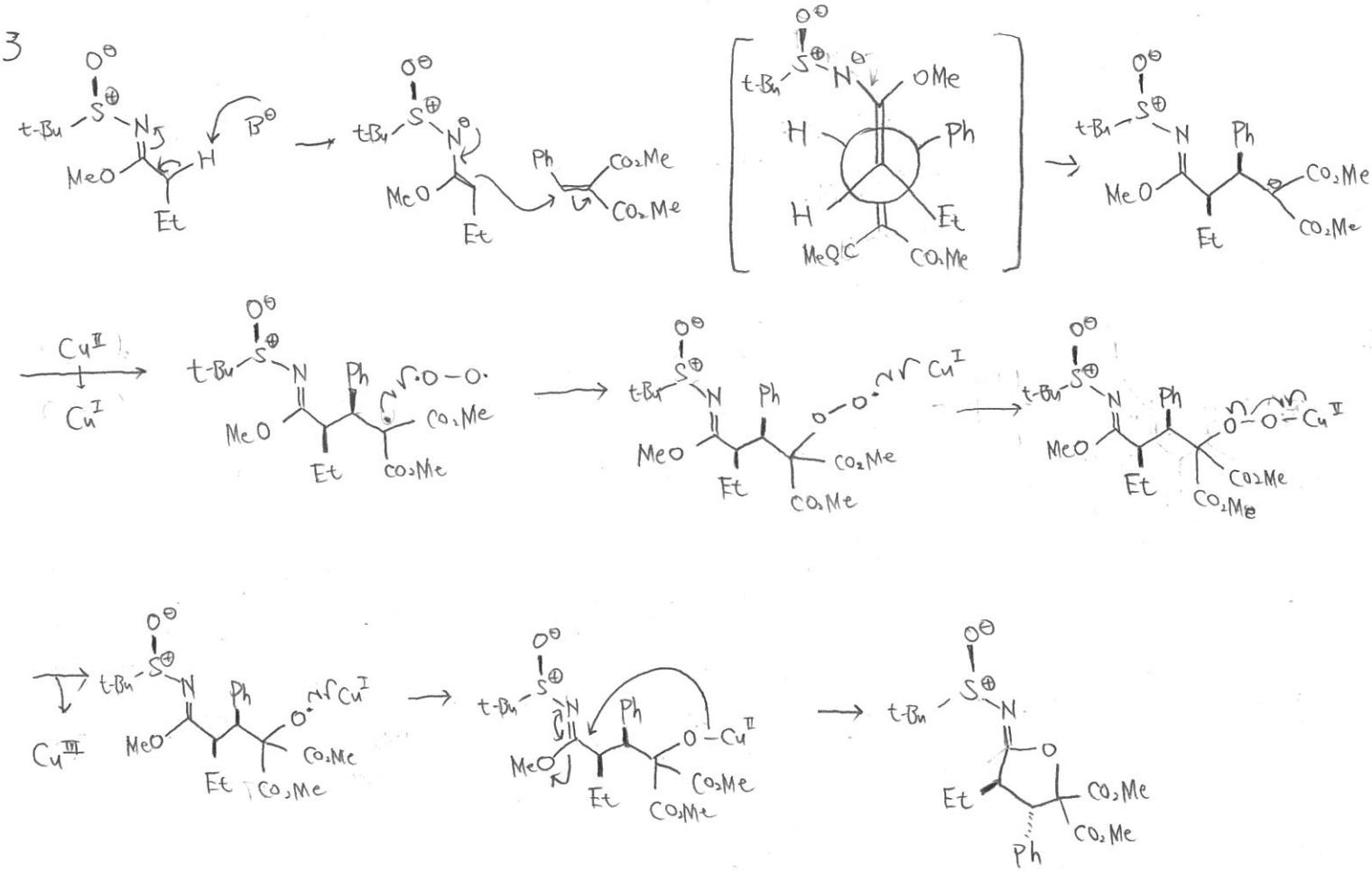
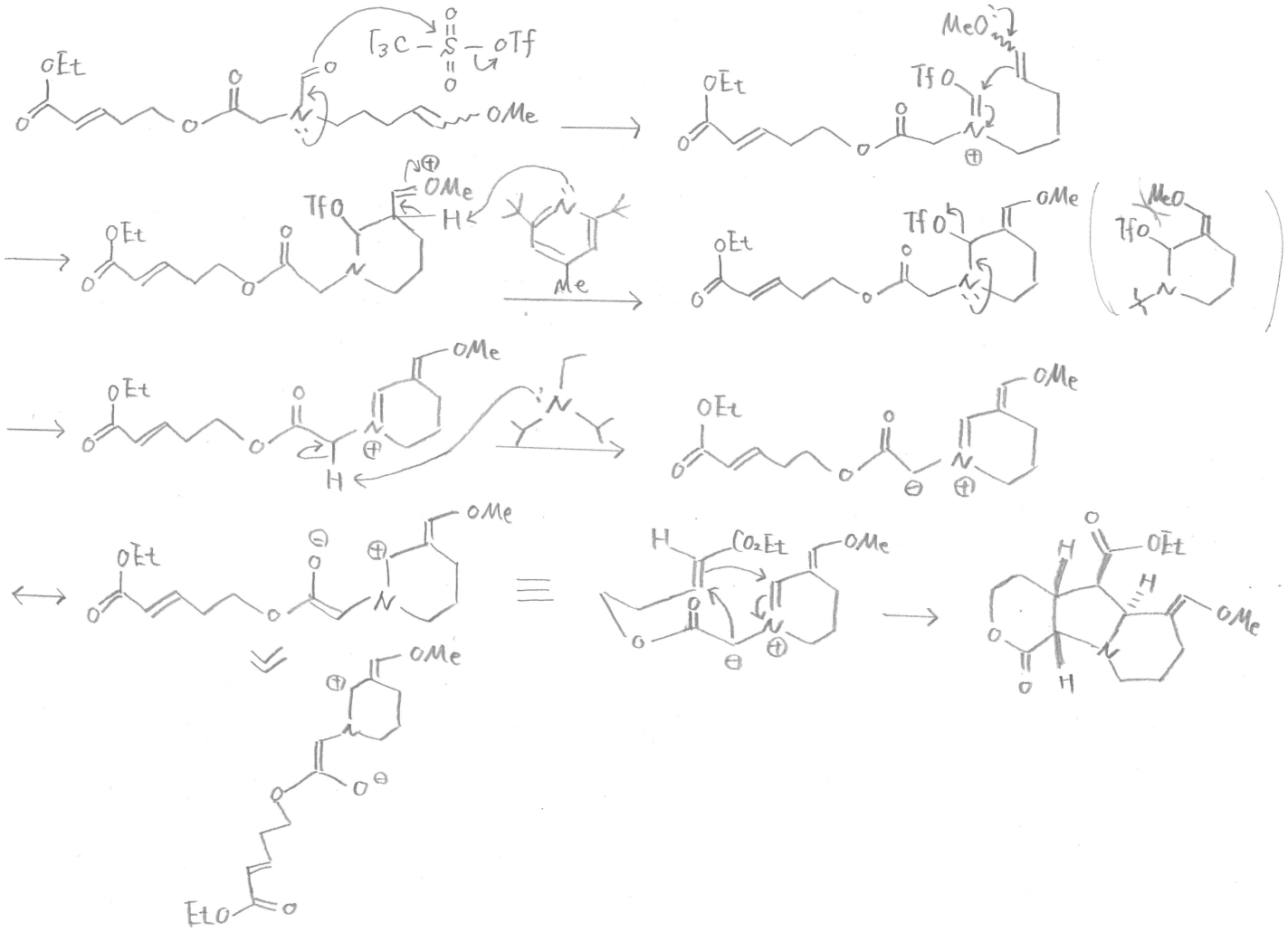



H-Sn n-Bu3
n-Bu3Sn
MeO
OMe
H
n-Bu3Sn·
work up

3


t-Bu
MeO
Et
Ph
CO2Me
OMe
MeO2C
Cu^II
Cu^I
Cu^III

1



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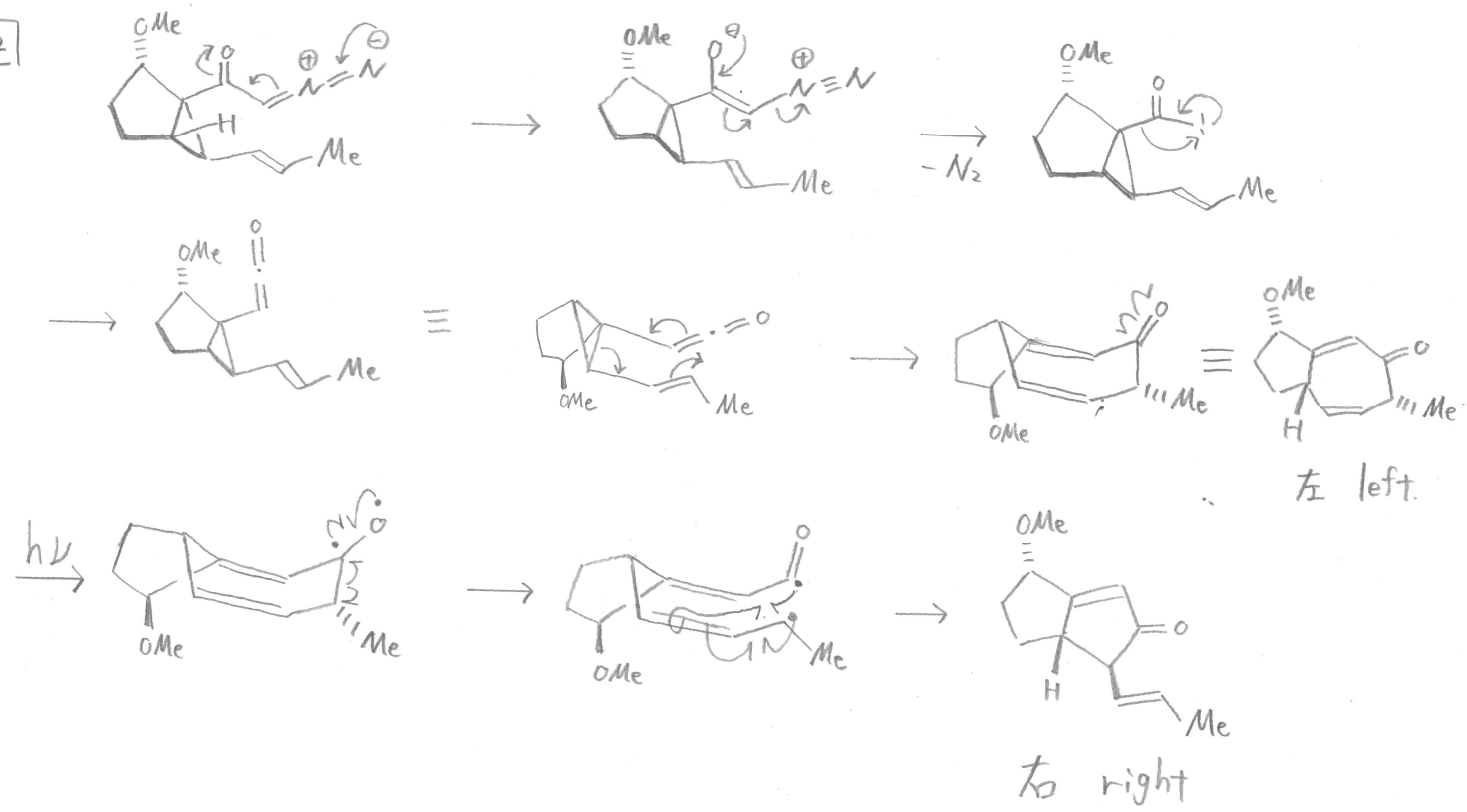

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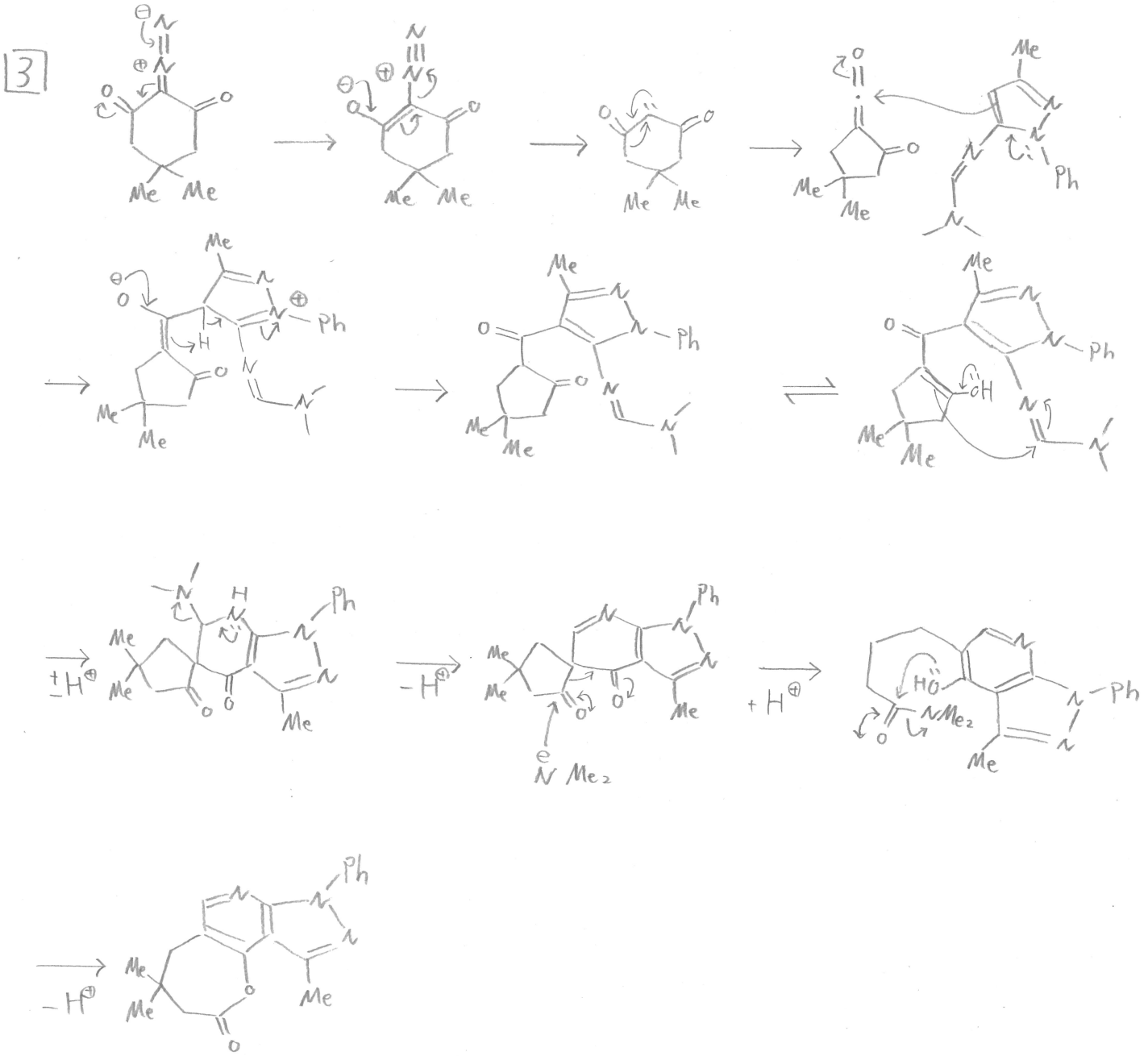
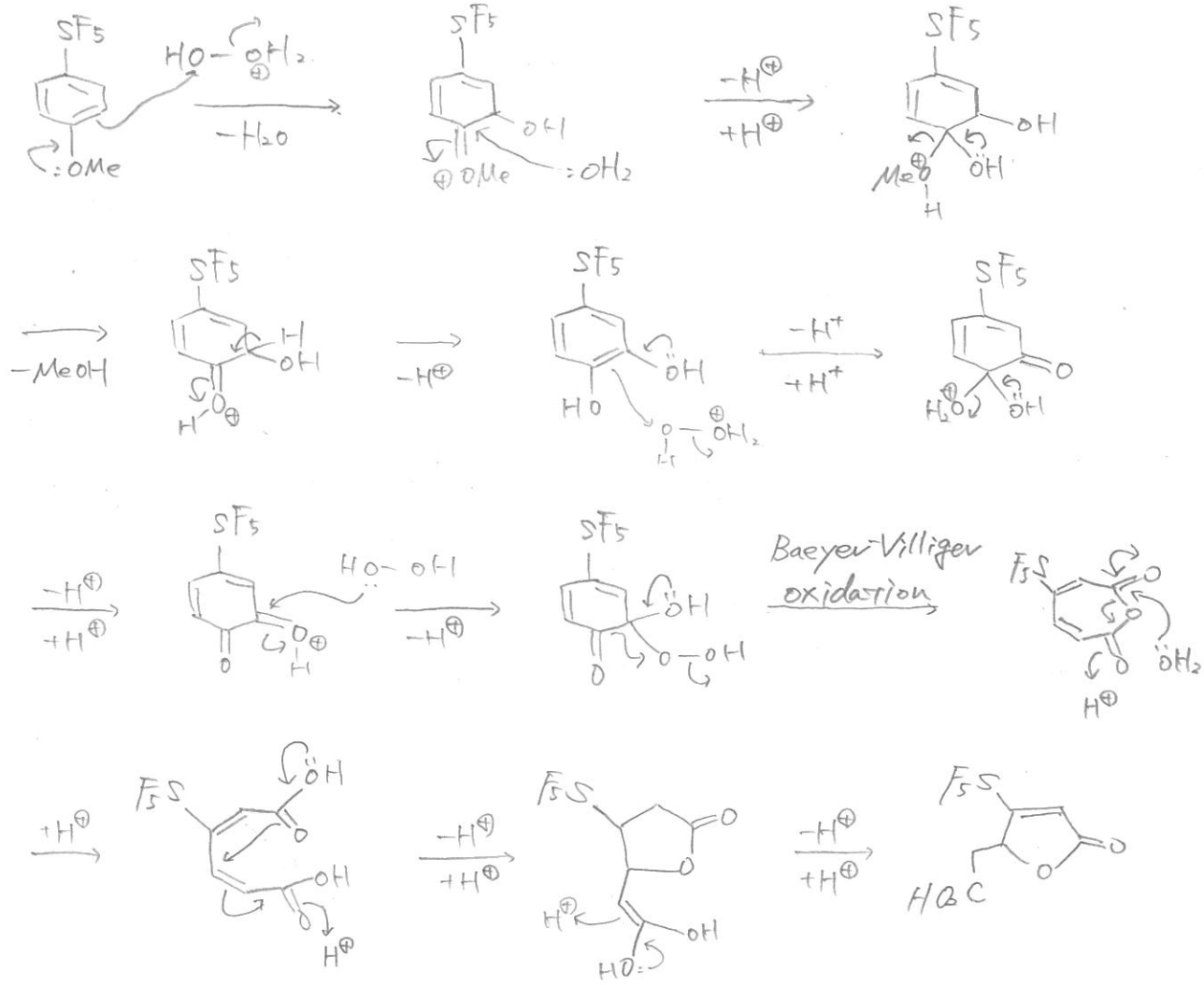
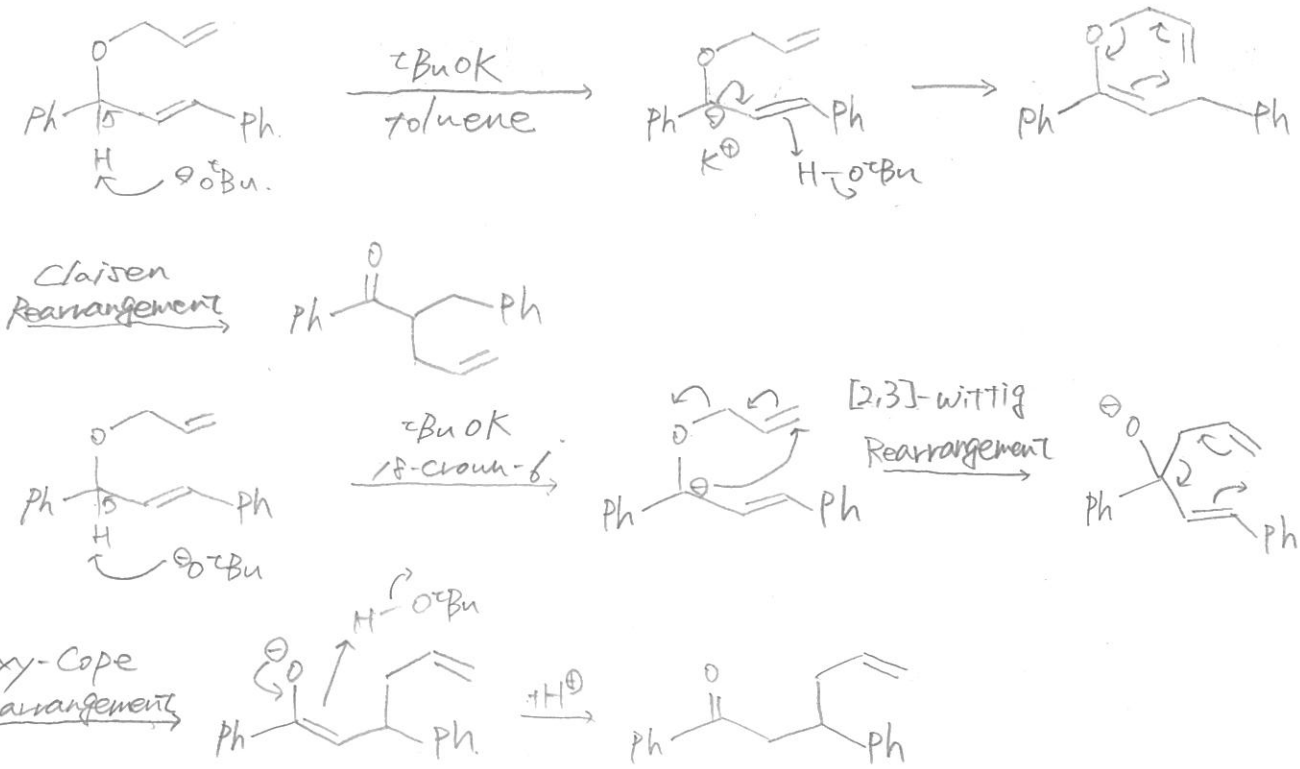
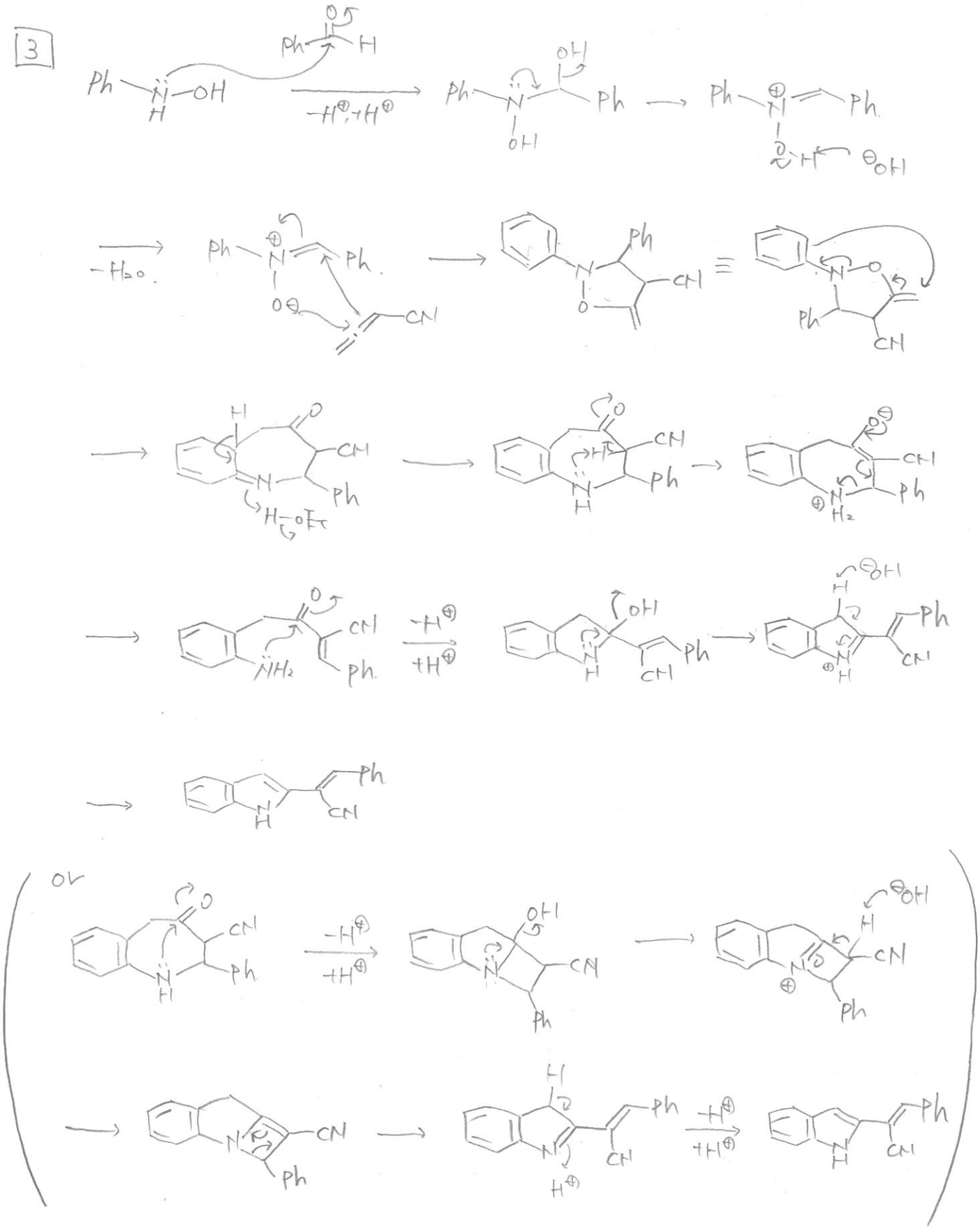


1


SF5
HO–OH2
–H2O
:OMe
OH
:OH2
–H⊕
+H⊕
MeO
–MeOH
–H⊕
–H+
+H+
HO
Baeyer-Villiger
oxidation
F5S
OH2
H⊕
+H⊕
HO2C

2


Ph
H
⊖O tBu
tBuOK
toluene
K⊕
H–O tBu
Claisen
Rearrangement
tBuOK
18-crown-6
[2,3]-wittig
Rearrangement
Oxy-Cope
Rearrangement
+H⊕

3