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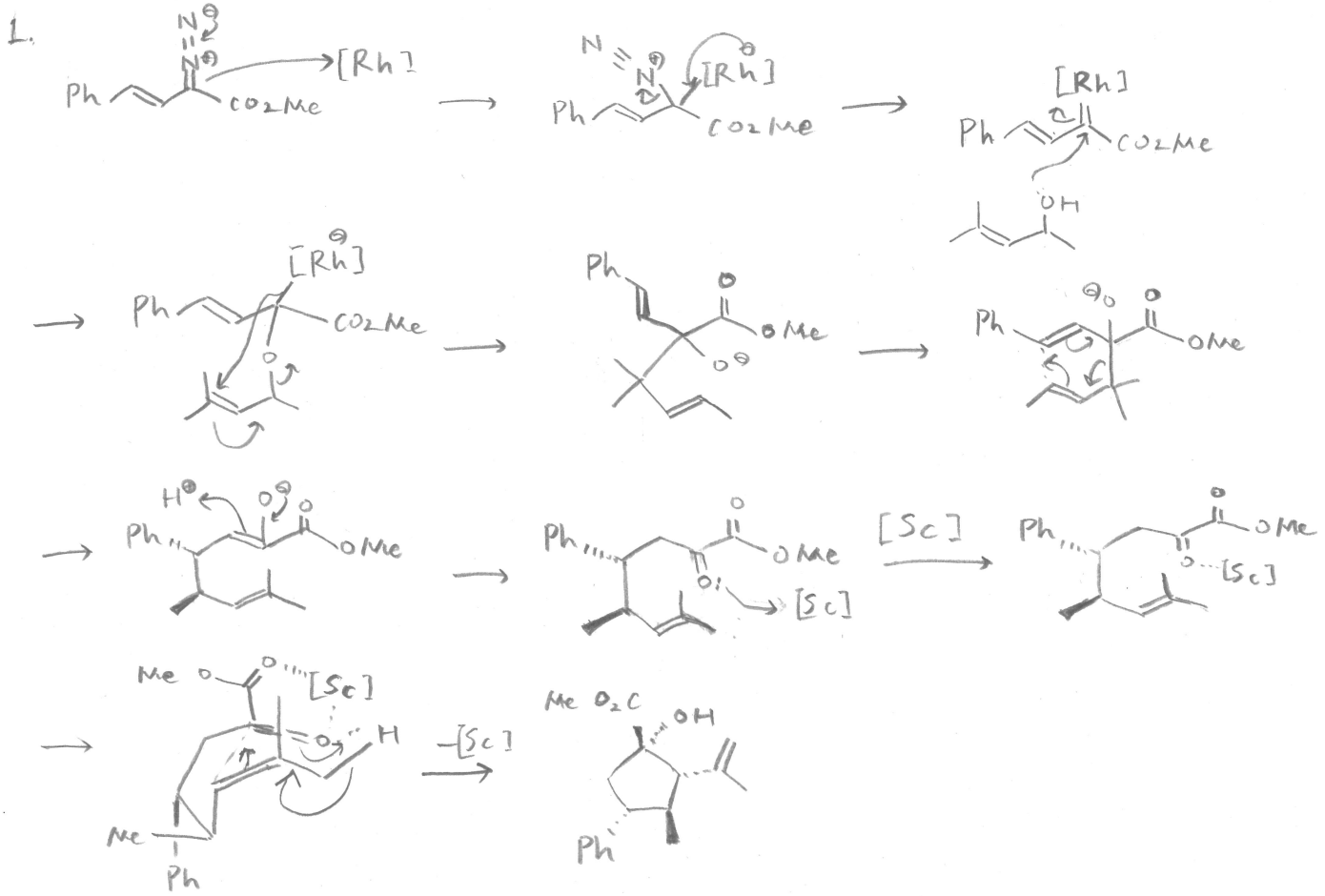
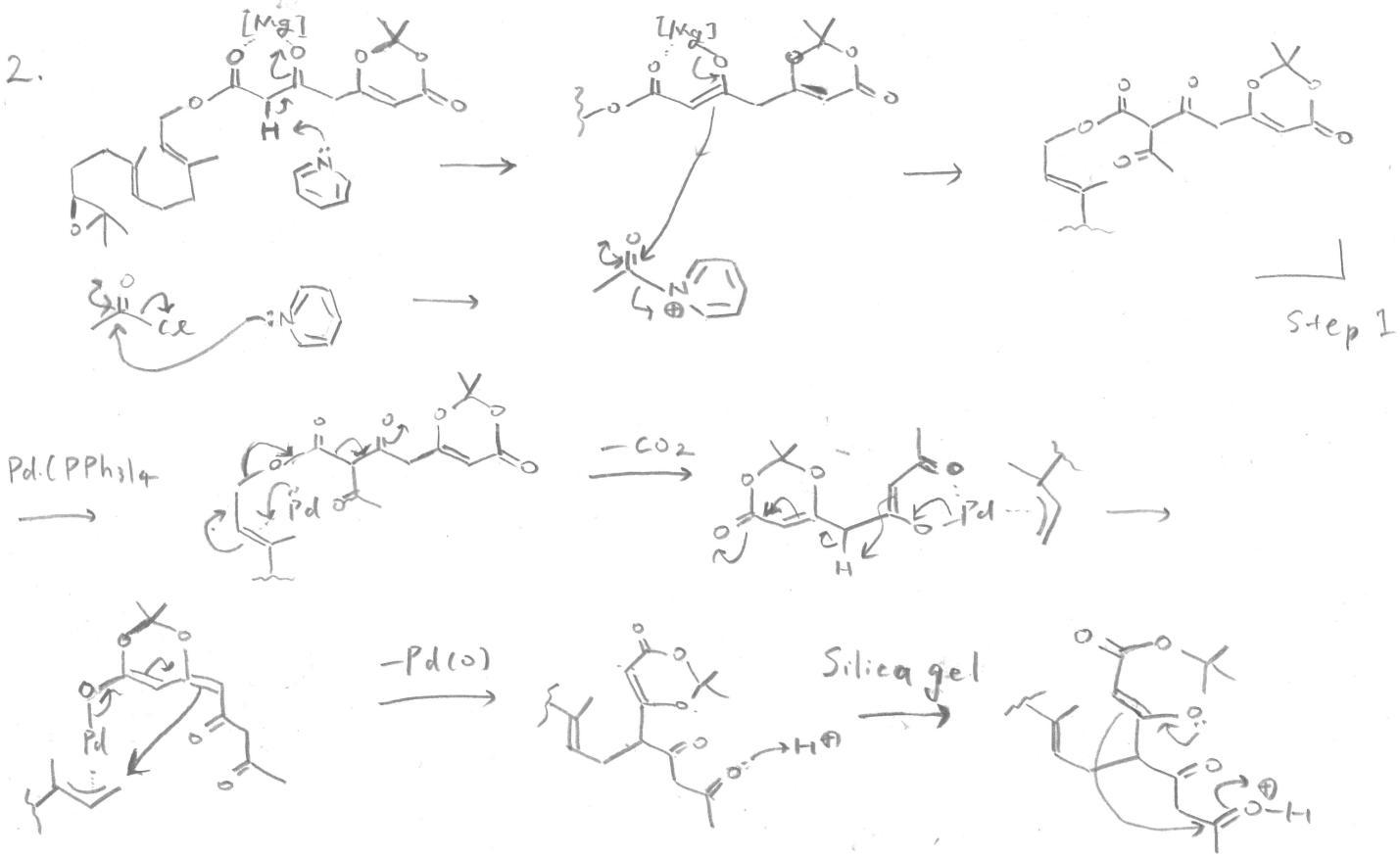
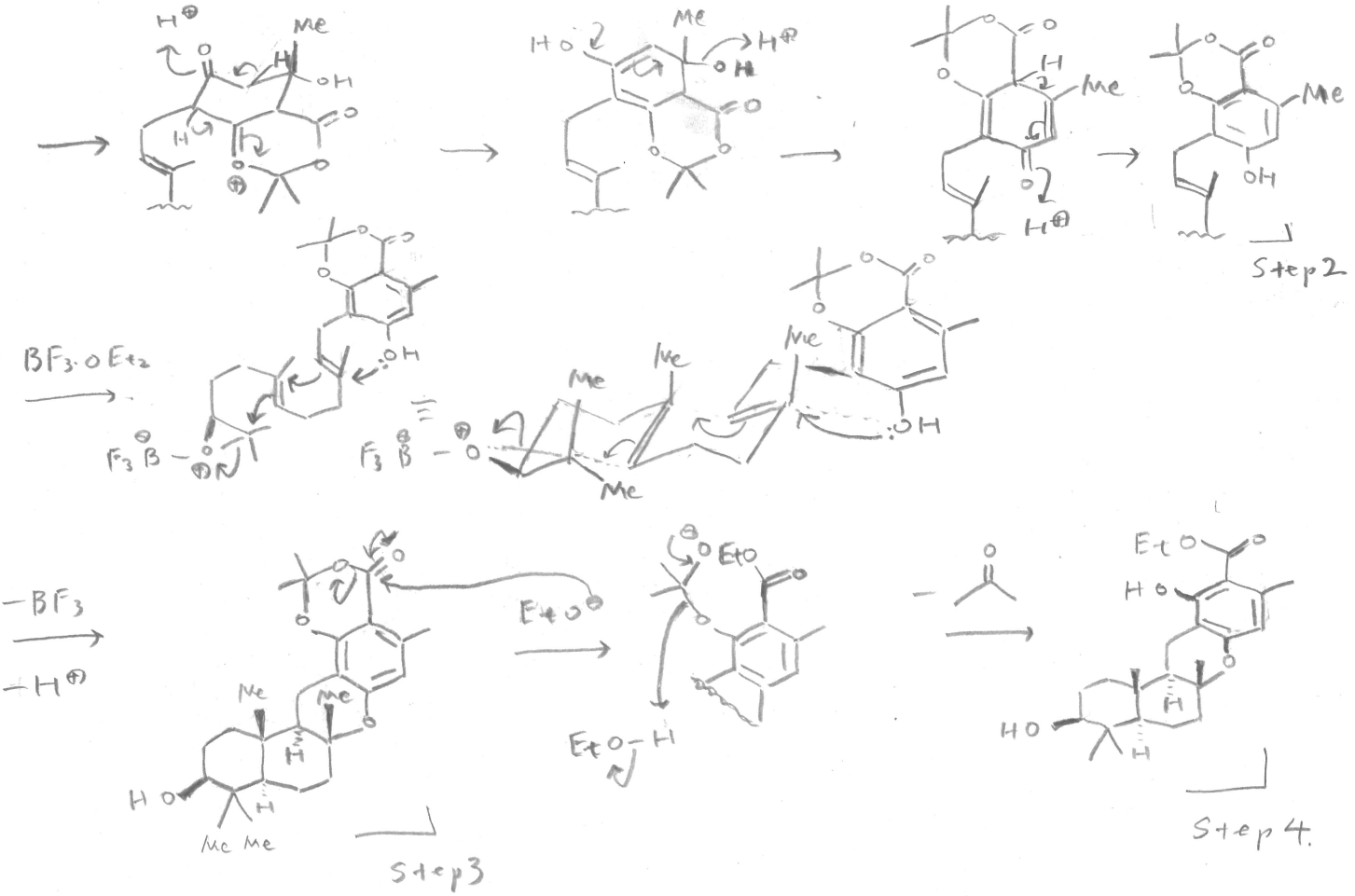

[Rh]
Ph
CO2Me
OH
OMe
[Sc]
Me
H
Ph
Me O2C
OH

2.


[Mg]
H
Ce
Step 1
Pd(PPh3)4
Pd
−CO2
H
−Pd(0)
Silica gel
H⊕



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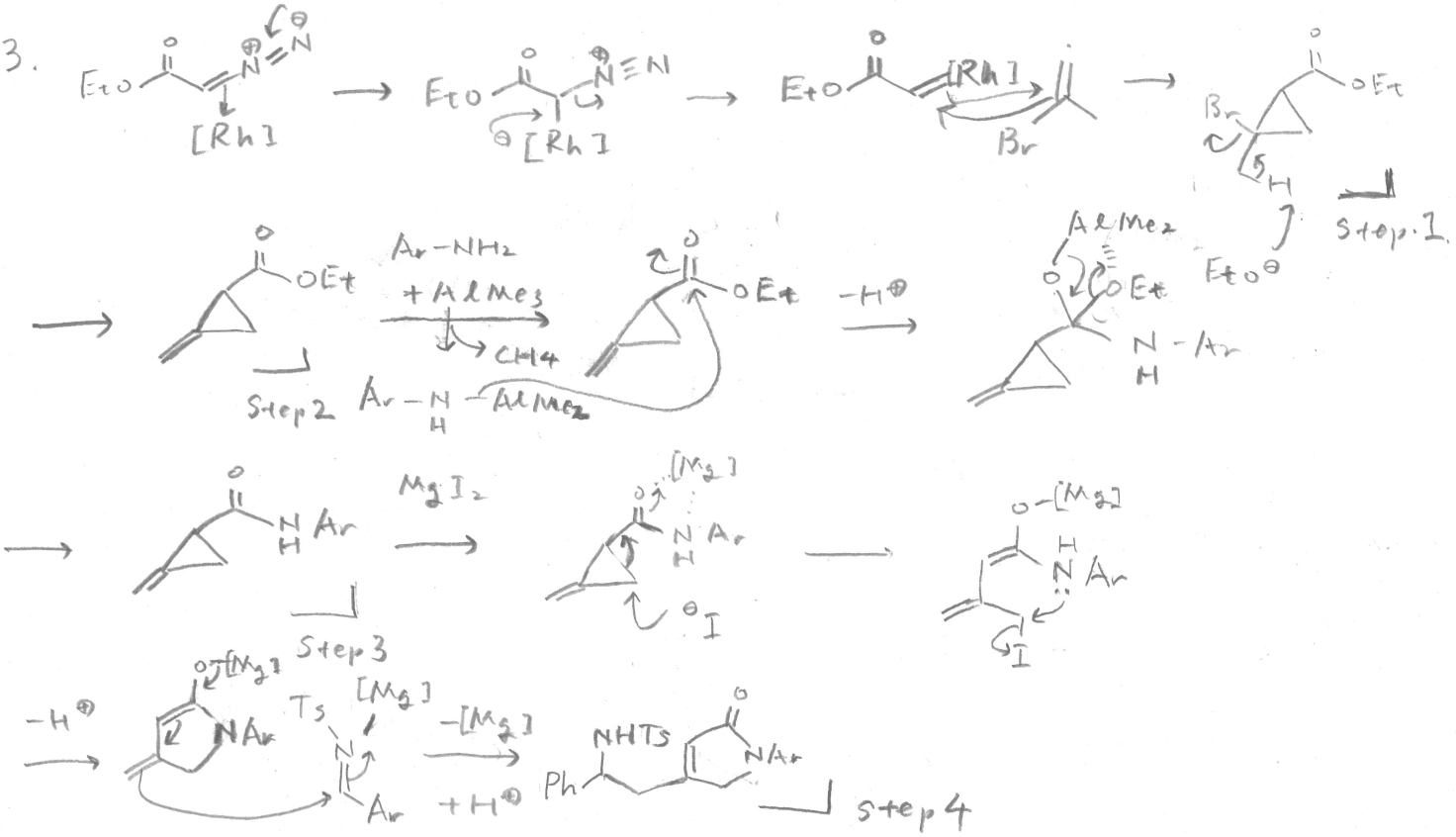

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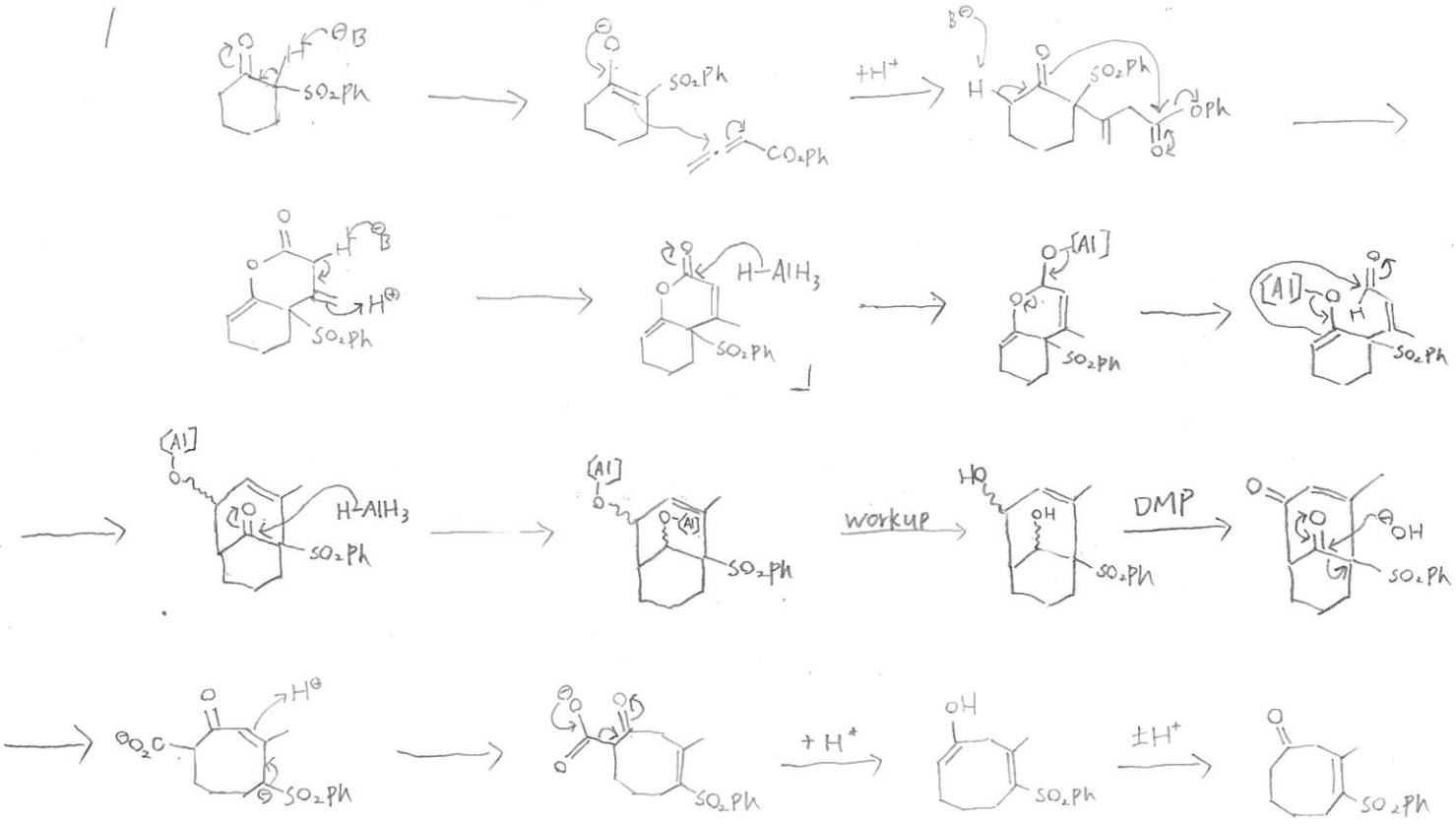

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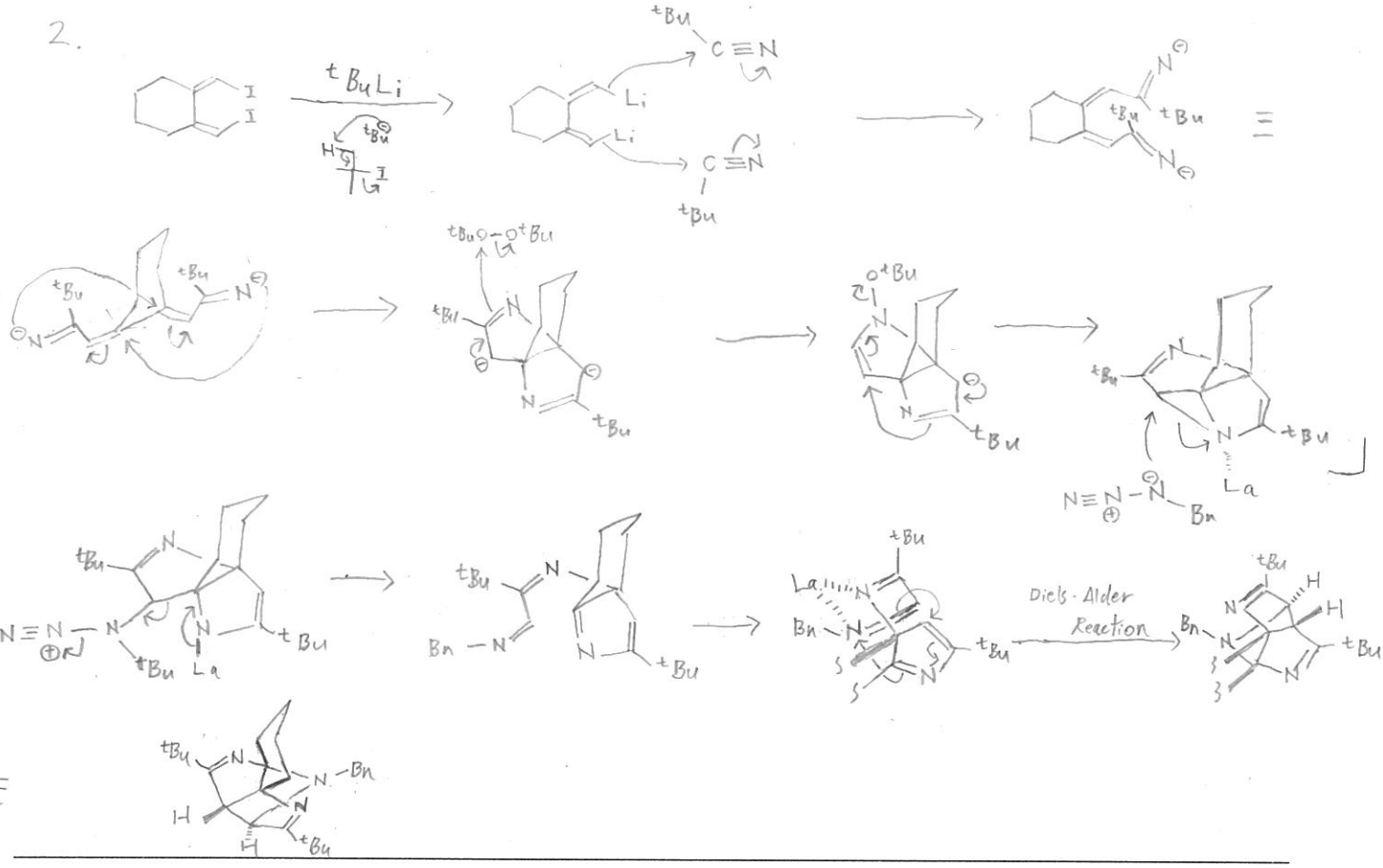

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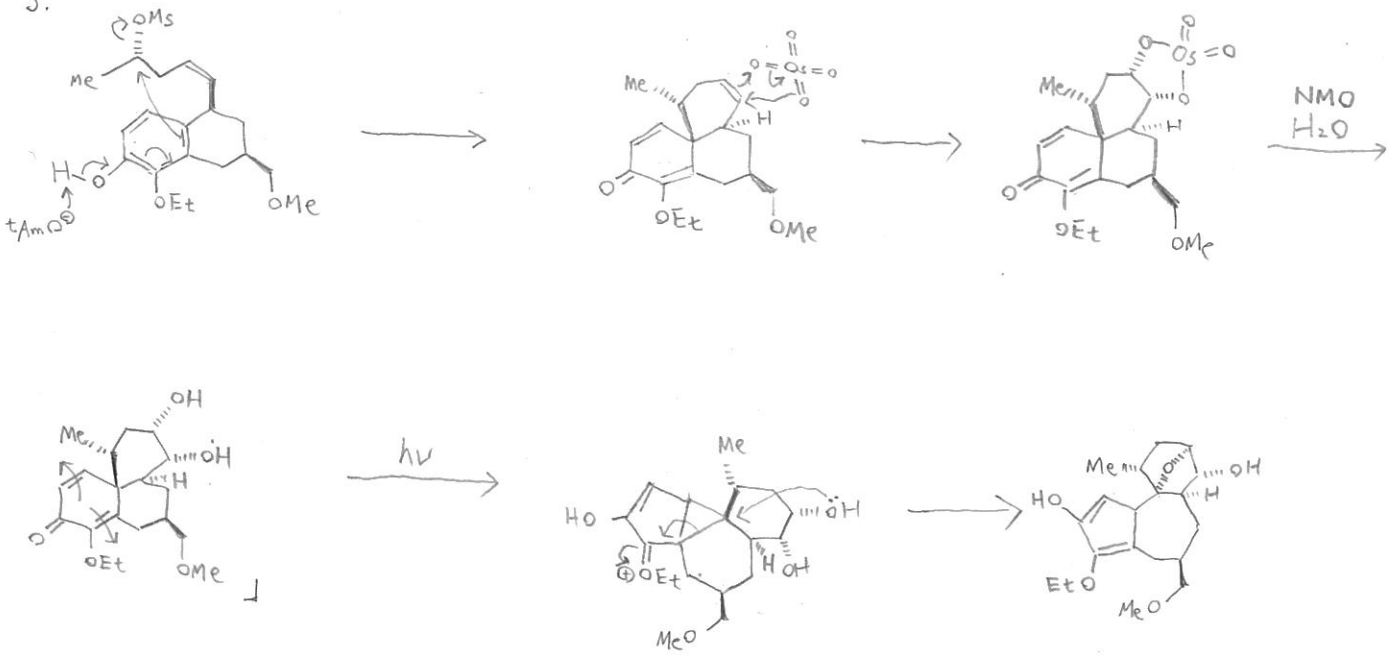
OMs
Me
H
O
OEt
OMe
tAmO⊖
Me
H
O
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H
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OMe
NMO
H2O
OH
Me
OH
H
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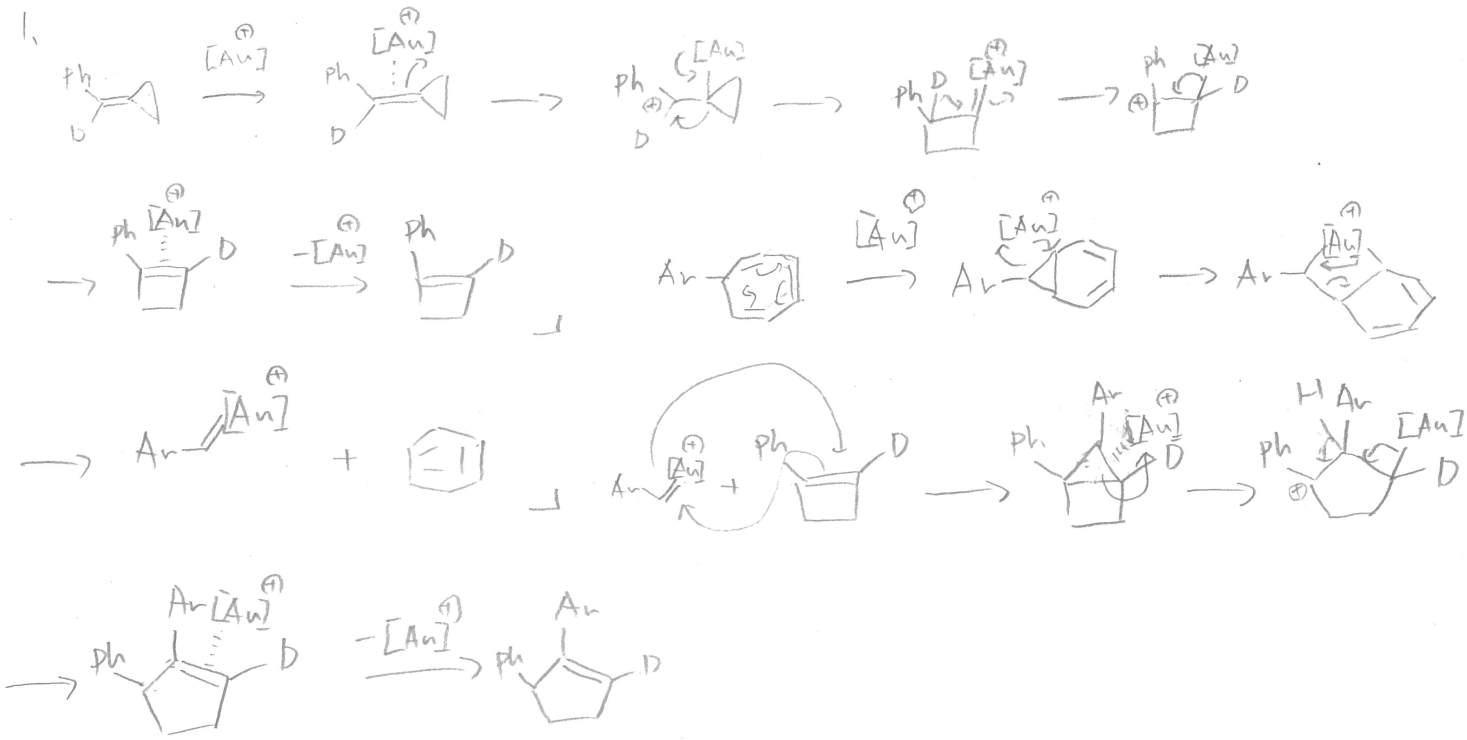
1.



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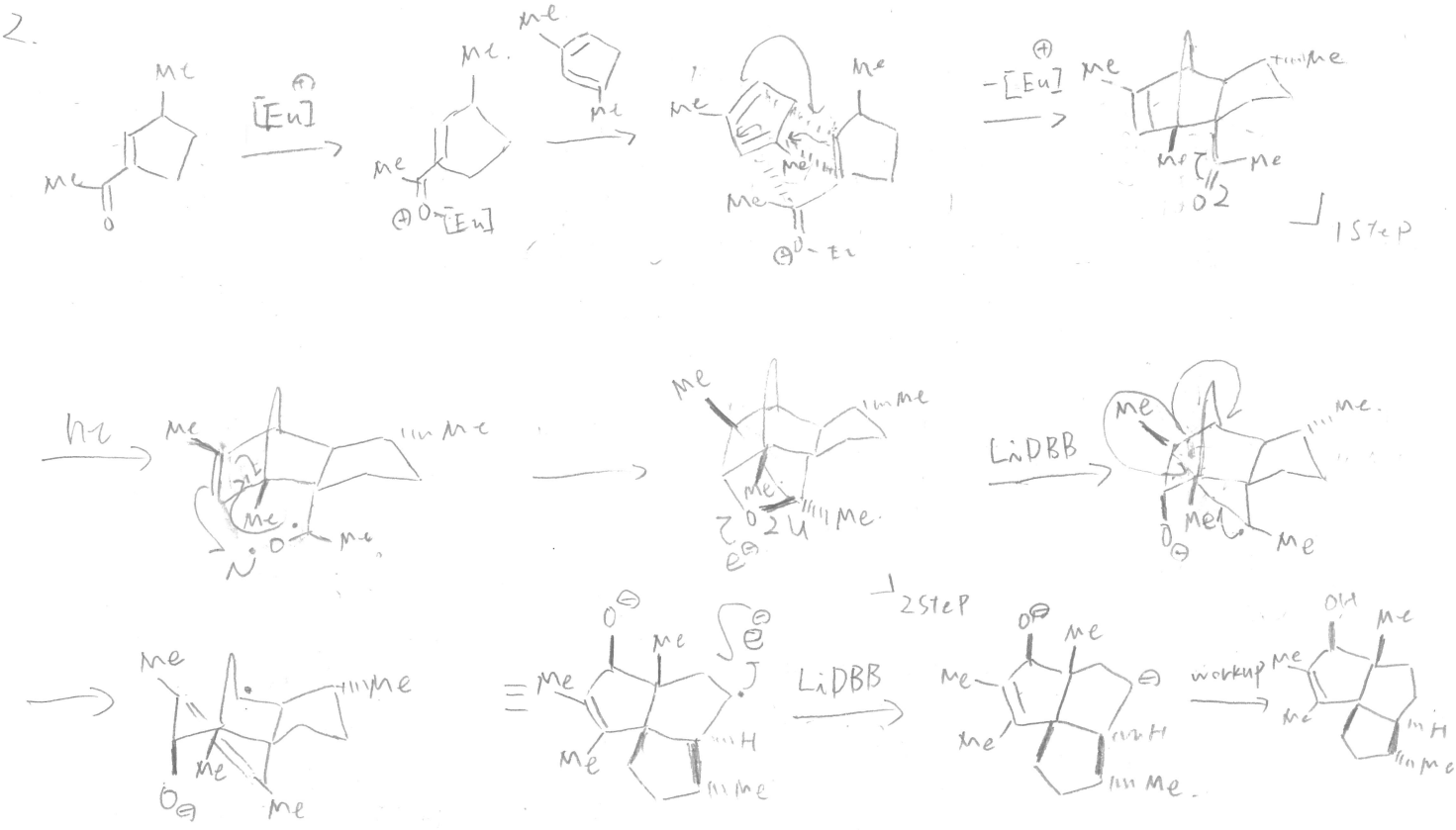
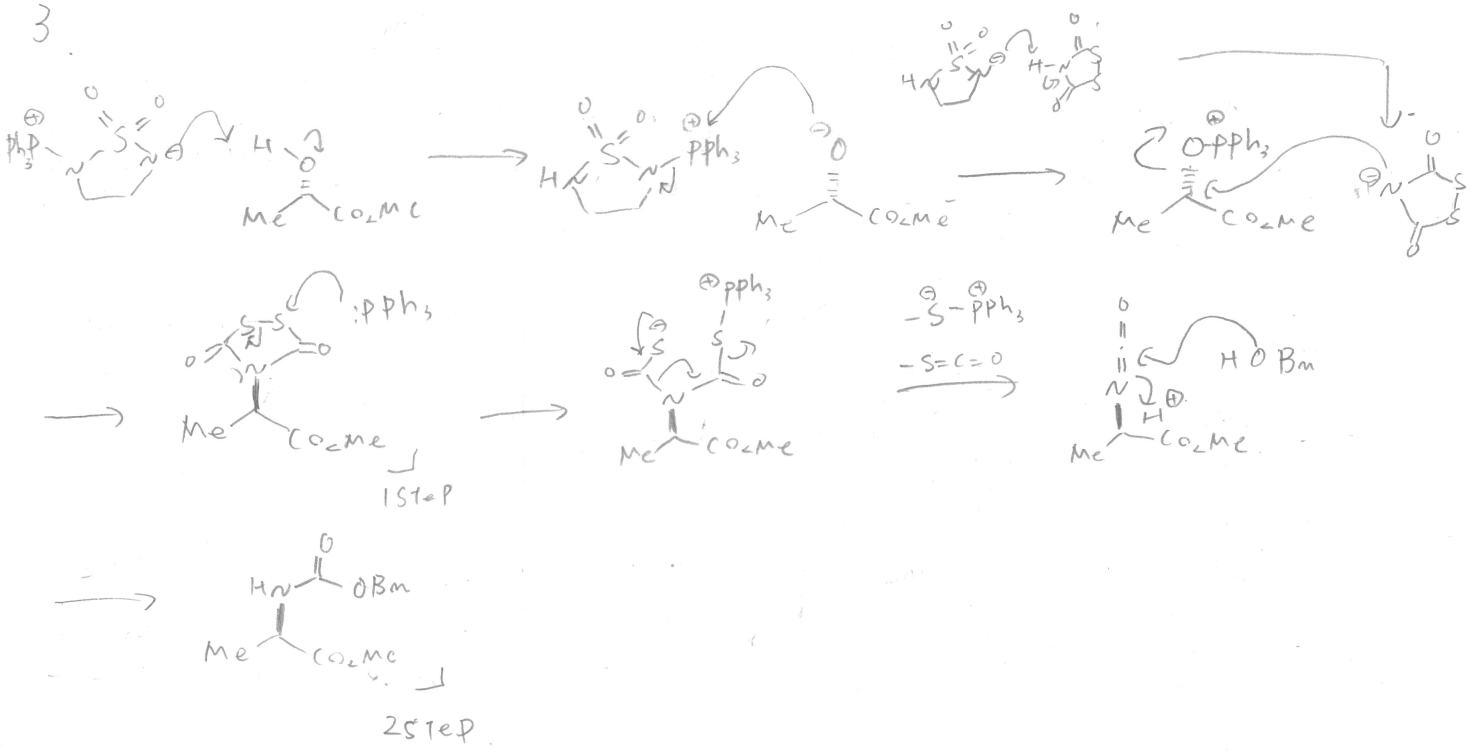
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