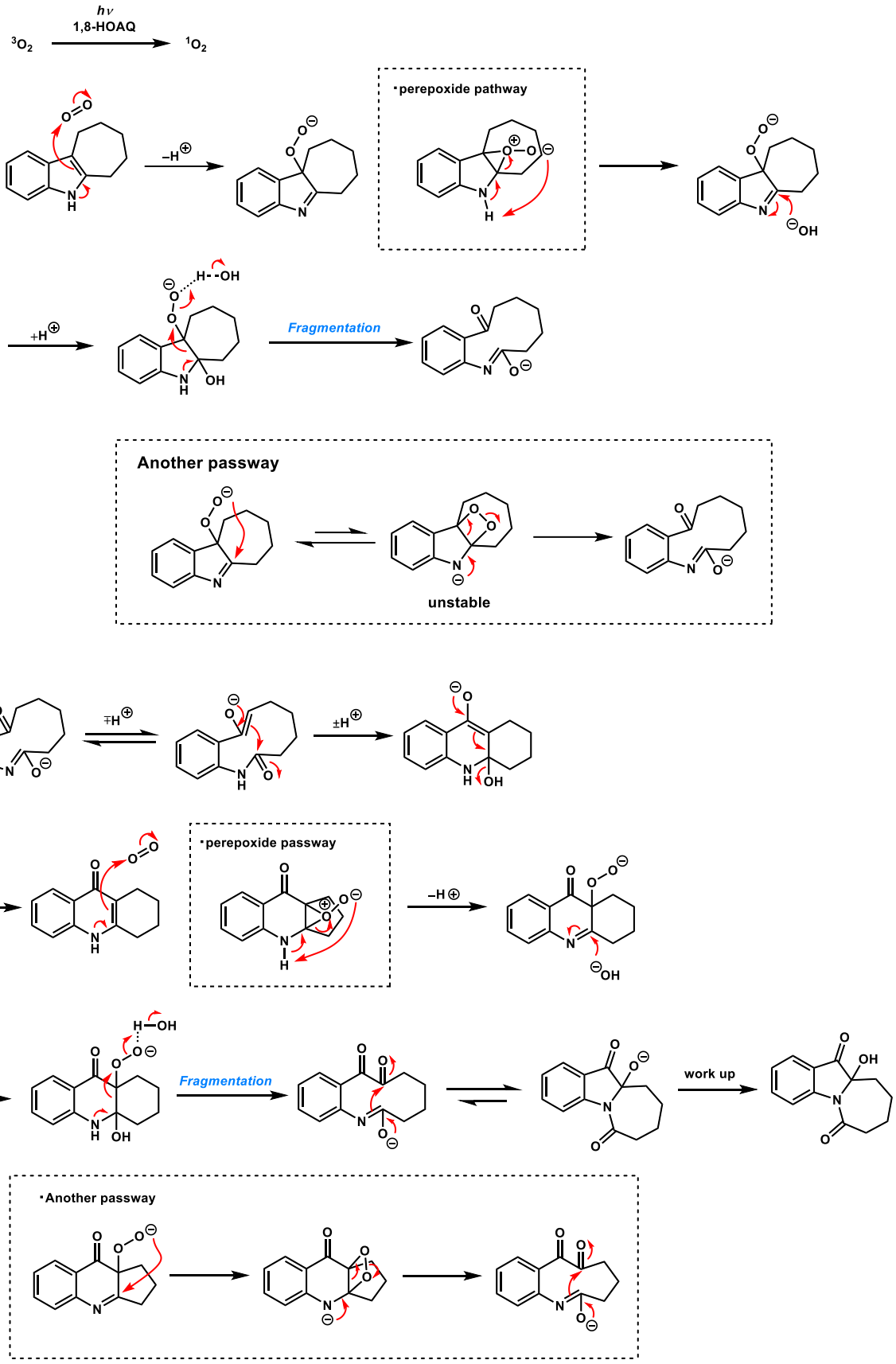
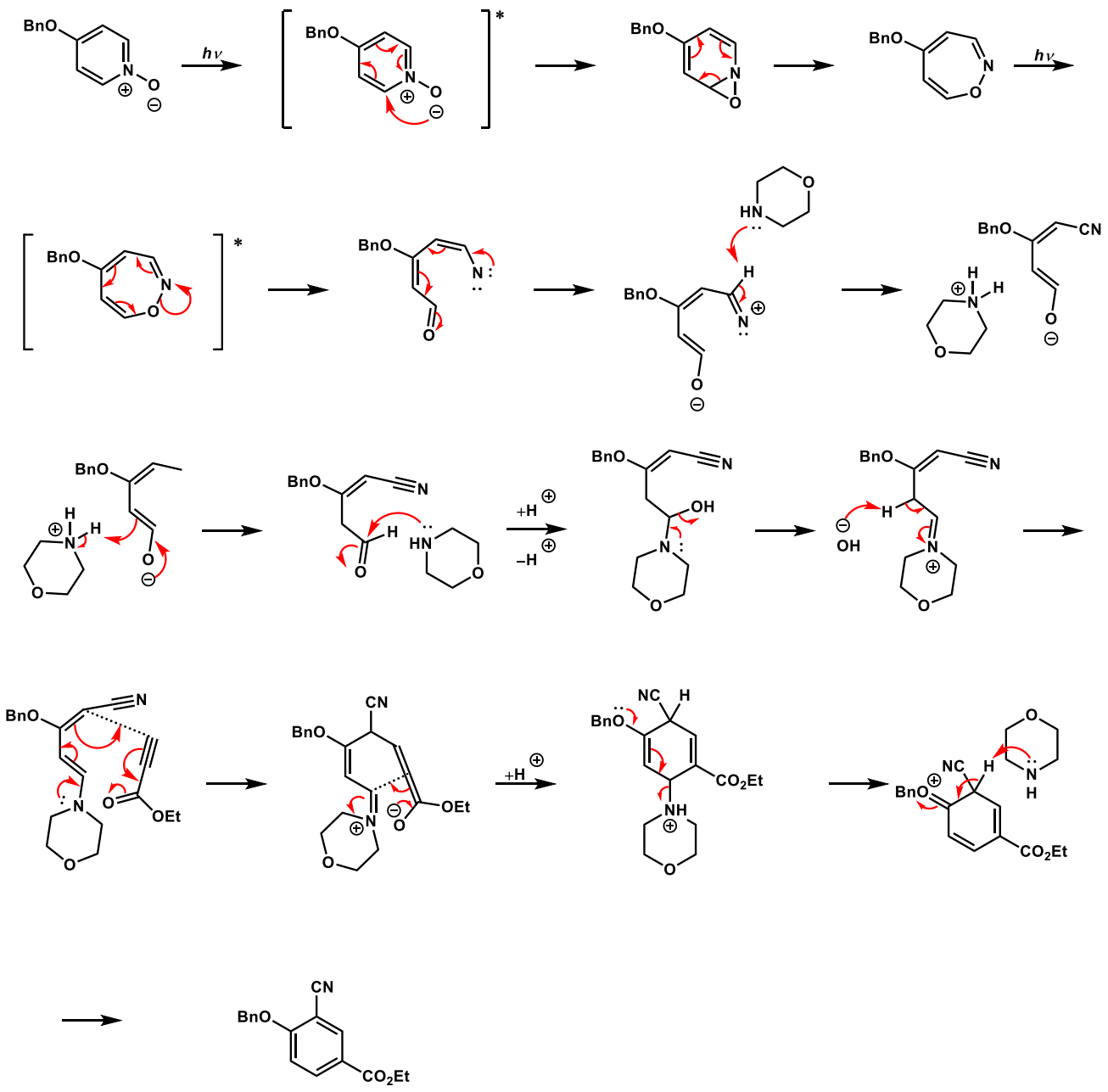
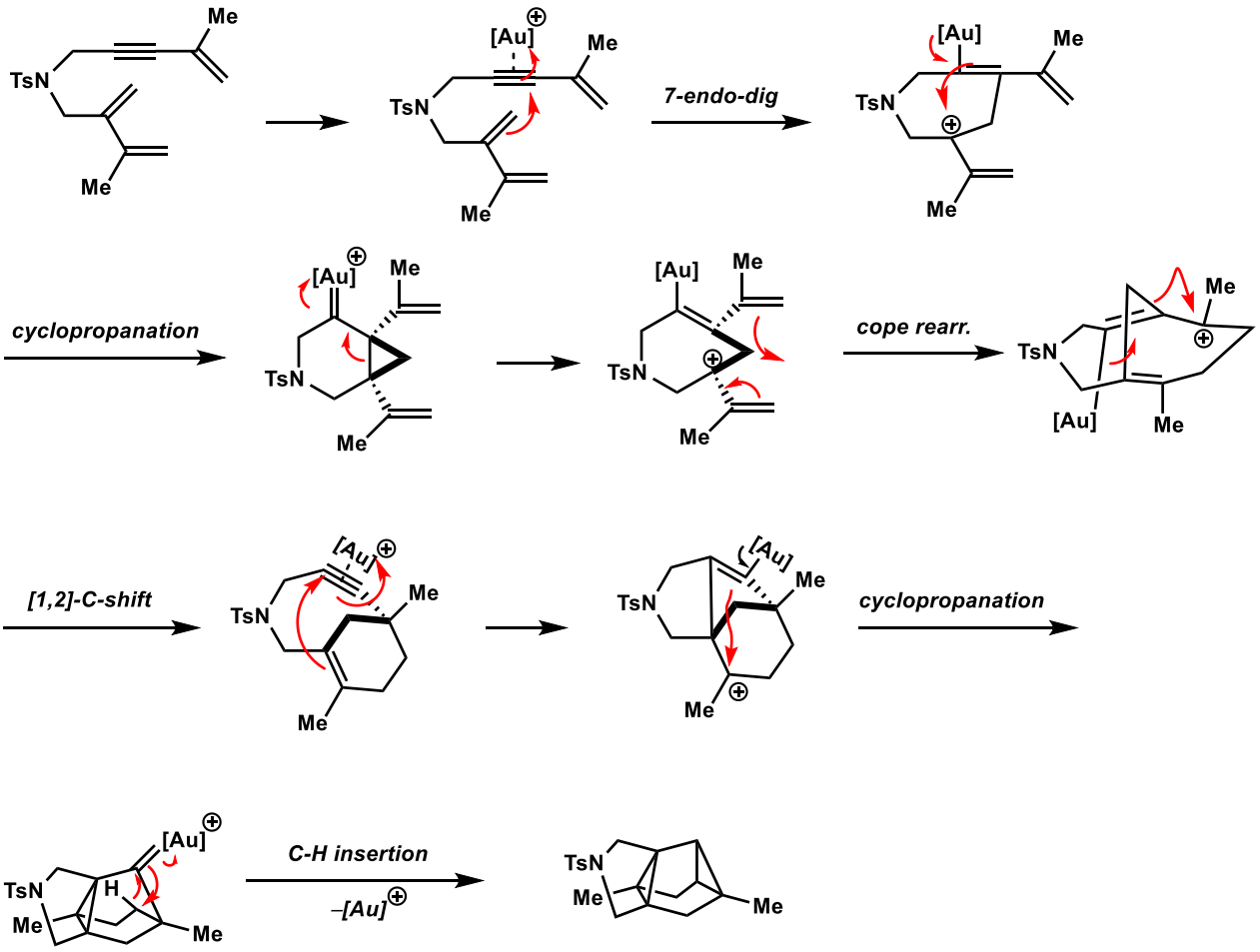
# 1


hν
1,8-HOAQ
$^3O_2$
$^1O_2$
perepoxide pathway
Another passway
unstable
Fragmentation
perepoxide passway
work up
Another passway

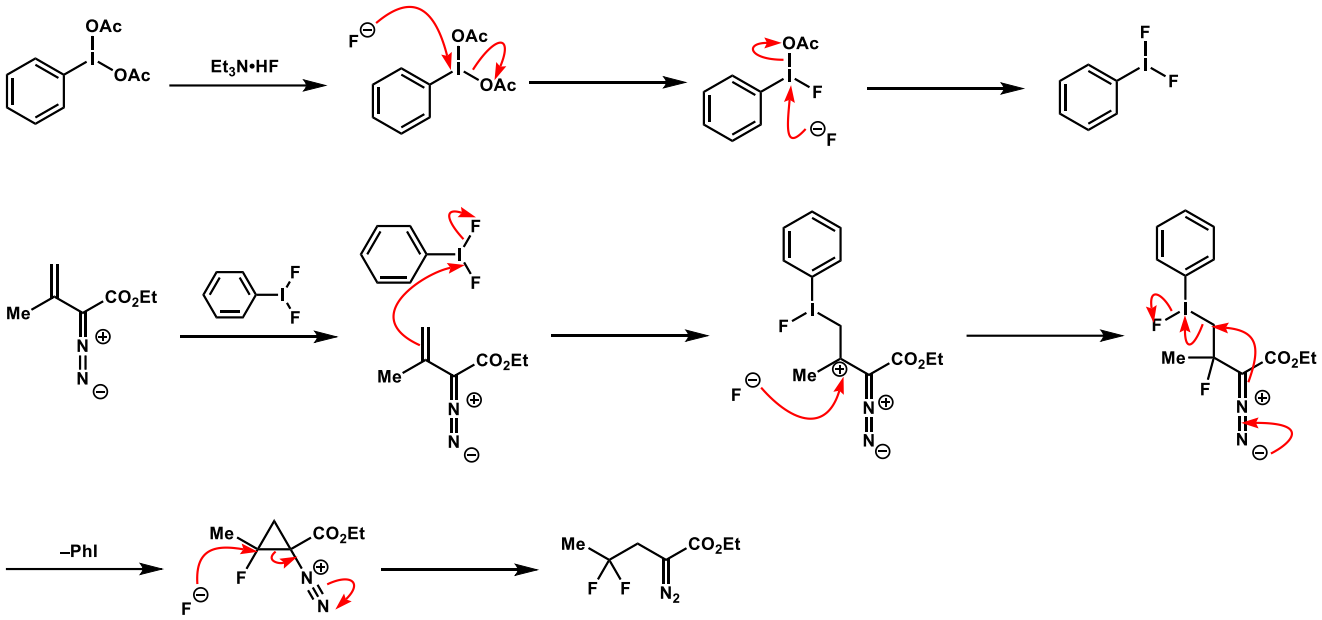
# 2



# 3


Me
TsN
Me
[Au]
Me
TsN
Me
7-endo-dig
[Au]
Me
TsN
Me
cyclopropanation
[Au]
Me
TsN
Me
[Au]
Me
TsN
Me
cope rearr.
Me
TsN
[Au]
Me
[1,2]-C-shift
[Au]
Me
TsN
Me
[Au]
Me
TsN
Me
cyclopropanation
[Au]
TsN
H
Me
Me
C-H insertion
–[Au]
TsN
Me
Me

# 4


OAc
OAc
Et3N•HF
F
OAc
OAc
OAc
F
F
F
F
Me
CO2Et
N
N
F
F
Me
CO2Et
N
N
F
F
Me
CO2Et
N
N
F
F
Me
CO2Et
N
N
–PhI
Me
CO2Et
F
F
N
N
F
Me
CO2Et
F
F
N2