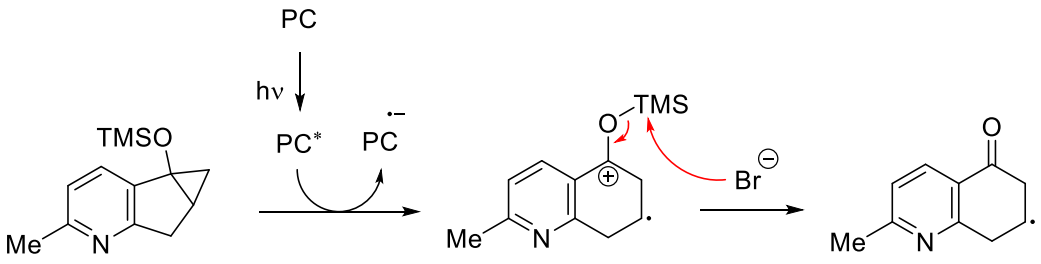
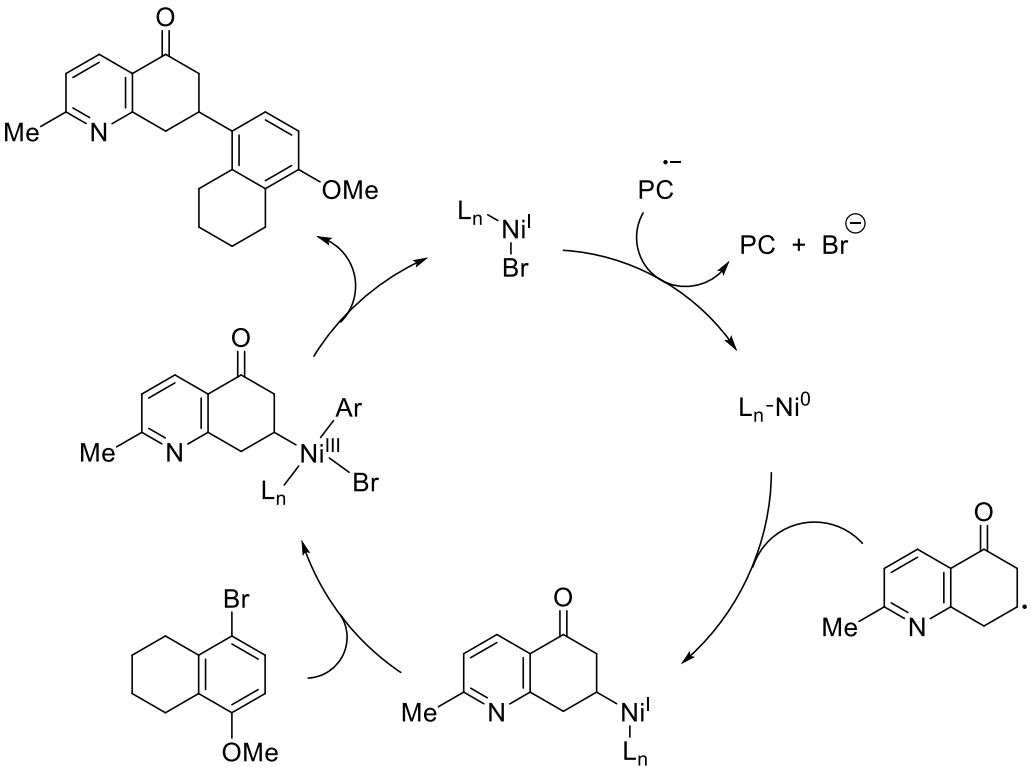
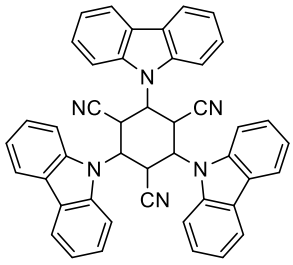
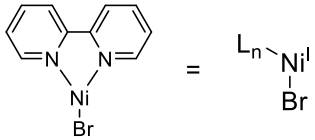
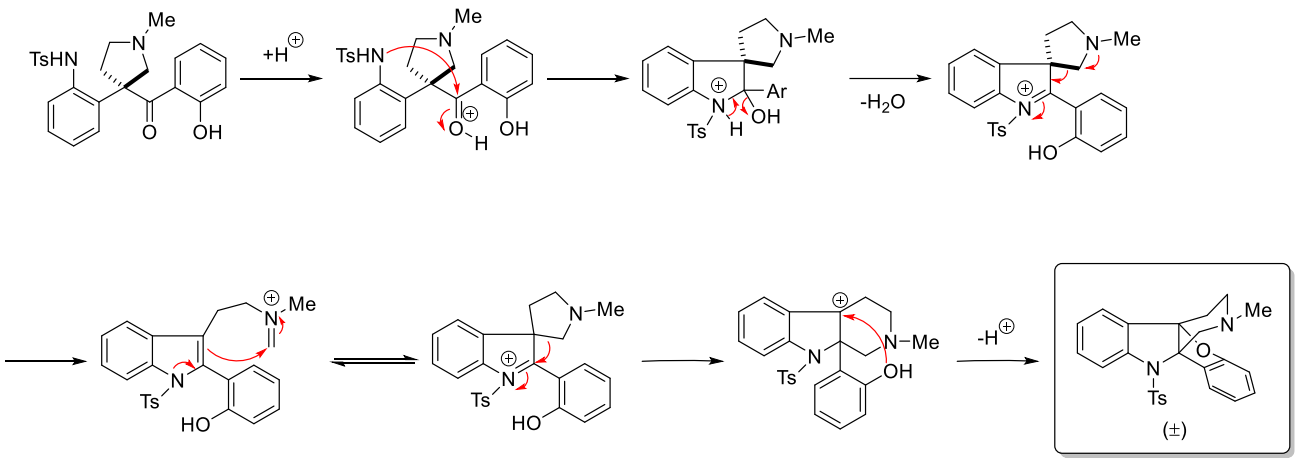
5


PC
hν
PC*
PC
TMSO
Me
N
TMS
O
Br
O
Me
N


O
Me
N
OMe
Ln
Ni
Br
PC
PC + Br
Ln-Ni0
Ar
Ni
Br
Ln
Br
OMe
Me
N
Ni
Ln


N
NC
CN
N
N
CN

4CzClPN = PC


N
N
Ni
Br
=
Ln
Ni
Br

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