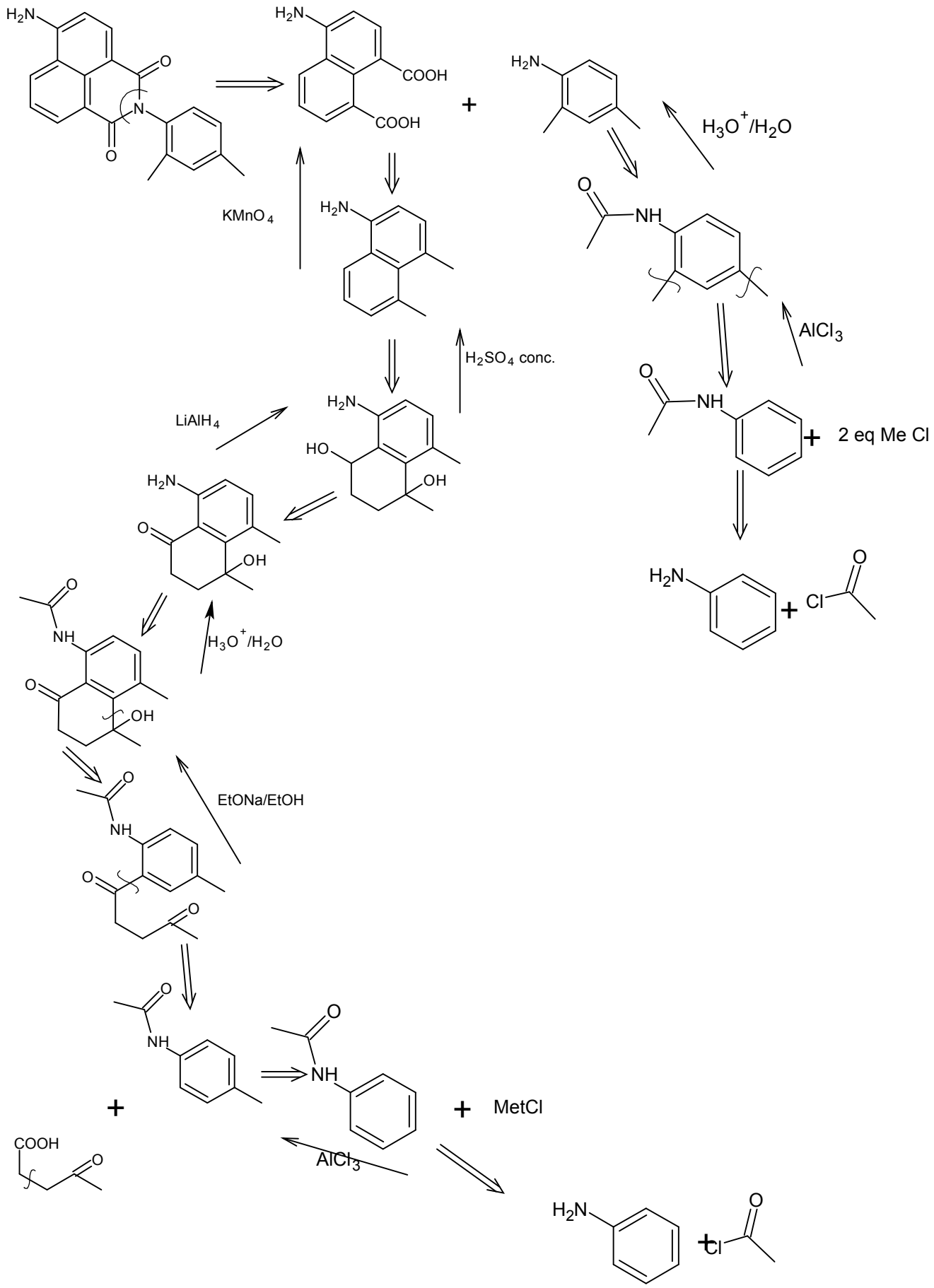
mob Ñ


H2N
O
N
O
H2N
COOH
COOH
+
H2N
H3O+/H2O
KMnO4
H2N
O
NH
AlCl3
H2SO4 conc.
O
NH
+ 2 eq Me Cl
LiAlH4
H2N
HO
OH
H2N
O
OH
H2N
+
Cl
O
O
NH
H3O+/H2O
O
OH
O
NH
EtONa/EtOH
O
O
O
NH
O
NH
+
+ MetCl
COOH
O
AlCl3
H2N
+
Cl
O