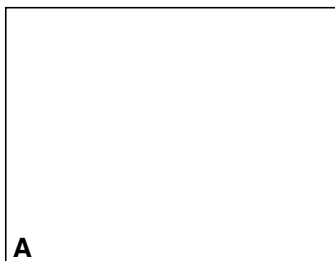
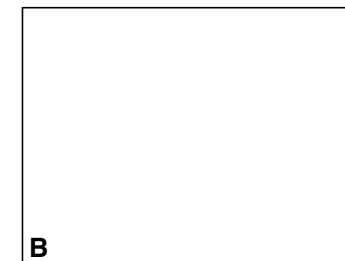


1) HBr, AcOH, 0 °C
2) Br₂, AcOH, rt



3) *i*-PrNH₂, Et₂O, 0 °C
4) 10% aq. AcOH, THF, 50 °C

Name of 3)?



5) LiAlH₄, Et₂O, 0 °C
6) Ac₂O, 150 °C

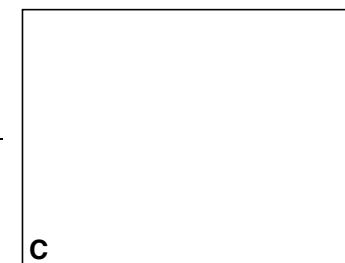


10) *n*-BuLi, THF, -78 °C
then TMSCl, -78 °C to rt
11) Pd(OAc)₂ (5 mol%), B₂pin₂,
toluene, MeOH, 50 °C
then H₂O₂, NaOH, THF, 0 °C



7) LiAlH₄, Et₂O, 0 °C
8) DMP, NaHCO₃, H₂O, CH₂Cl₂, rt

9) **1**, *n*-BuLi, -78 °C to rt
then **C**, -78 °C then HMPA,
propargyl bromide, -78 °C to rt



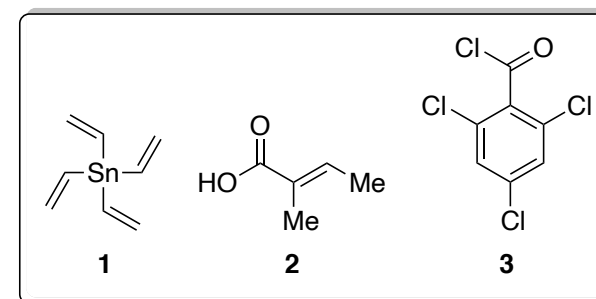
Name of
12)?

12) (COCl)₂, DMSO, NEt₃, CH₂Cl₂, -78 °C
13) Et₂AlCl, CH₂Cl₂, -78 °C



14) **2**, **3**, NEt₃, DMAP, toluene, 80 °C

Name of 14)?





Eupalinilide E

