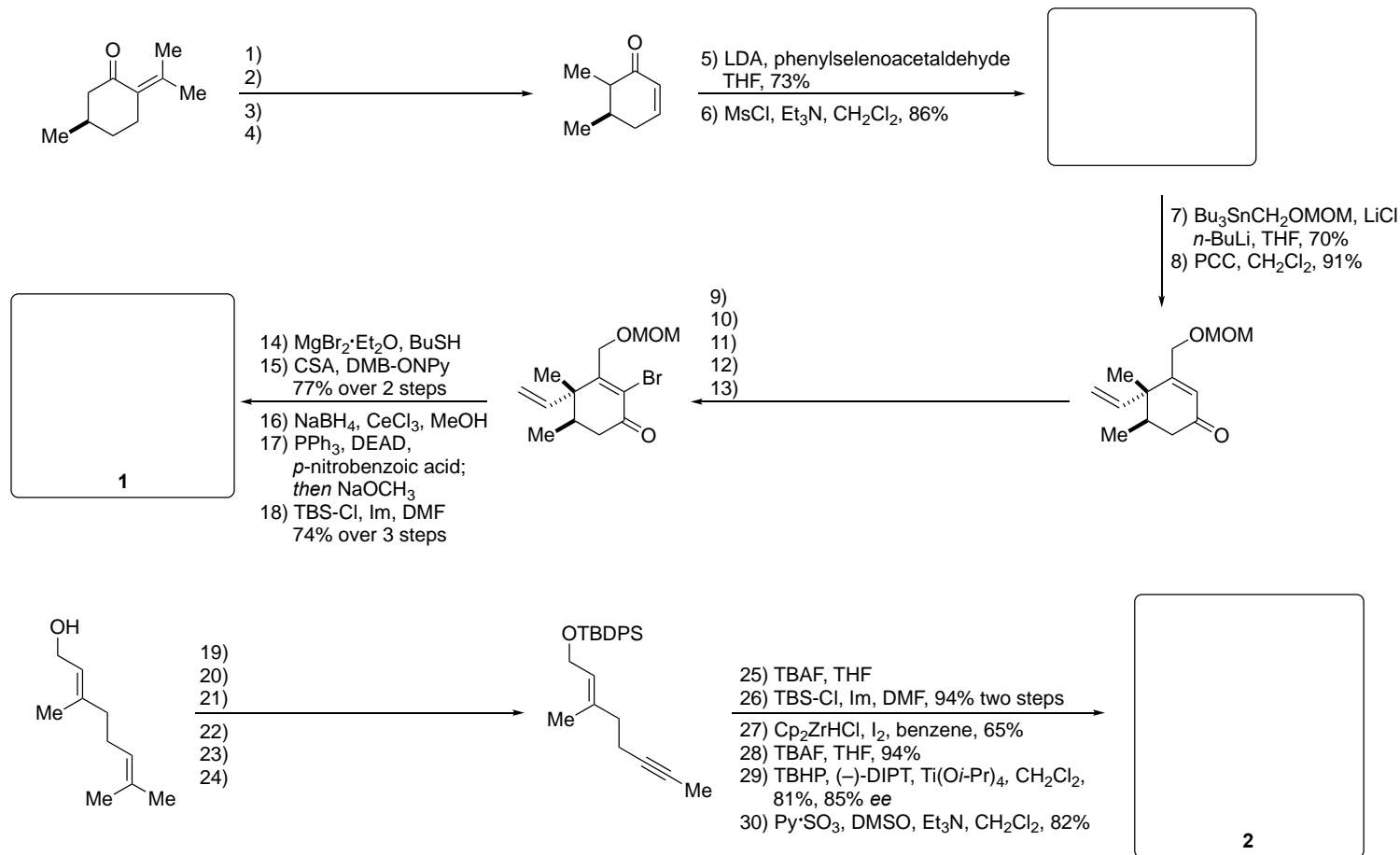
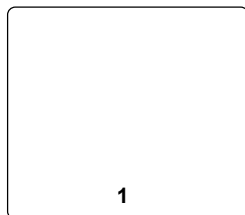


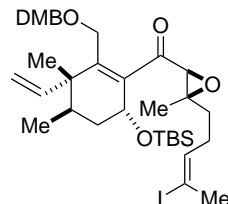
E57: Total Synthesis of (+)-Phomactin A



DMB = 3,4-Dimethoxybenzyl



31) *t*-BuLi, Et₂O; then **2**, 51%
32) DMP, NaHCO₃, CH₂Cl₂, 90%



33) TBAF, THF, 91%
34) HCl (1%), *t*-amyl alcohol, 65%
35) TES-Cl, Im, DMF, 83%
36) DDQ, CH₂Cl₂, 87%
37) TMS-OTf, pyridine, CH₂Cl₂, 81%
38) 9-BBN, THF, then H₂O, Pd(dppf)Cl₂,
AsPh₃, Ti₂CO₃, DMF/THF/H₂O, RT, 37%
39) TBAF, THF, 78%

