Zhou Group Mechanism Problems-20170219

**Problem -001**



*J. Org. Chem.***2016***,* 81*,11857*

*Hints:*Michael addition, Dieckmanncondensation.

**Problem -002**



*J. Org. Chem.* **2001***,* 66*, 7818*

*Hints:* [2 + 2] cycloaddition, Dieckmann condensation