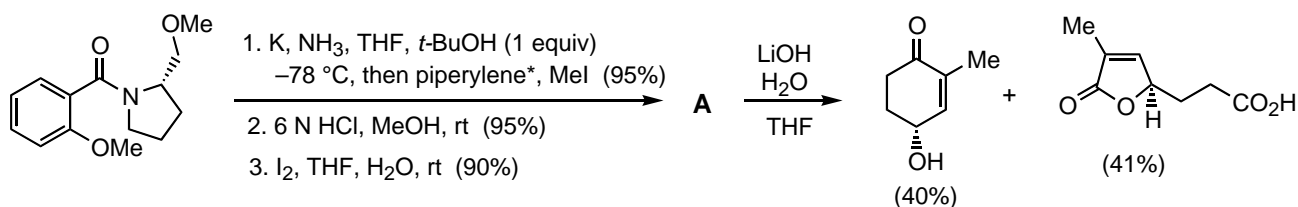


Uchikawa, W.; Matsuo, C.; Okamoto, S

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* piperylene = 1,3-pentadiene

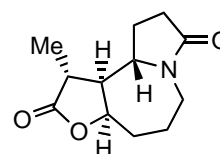
A : C₈H₉O₃I

IR : 1782, 1724 cm⁻¹

1. BH₃-THF, THF, -30°C
2. succinimide, PPh₃, DEAD, THF, rt (92%)
3. NaBH₄, MeOH, -10°C (88%)
4. PhSH, TsOH, benzene, 0°C (70%)
5. *n*-Bu₃SnH, AIBN, benzene, reflux
6. K₂CO₃, MeOH, rt

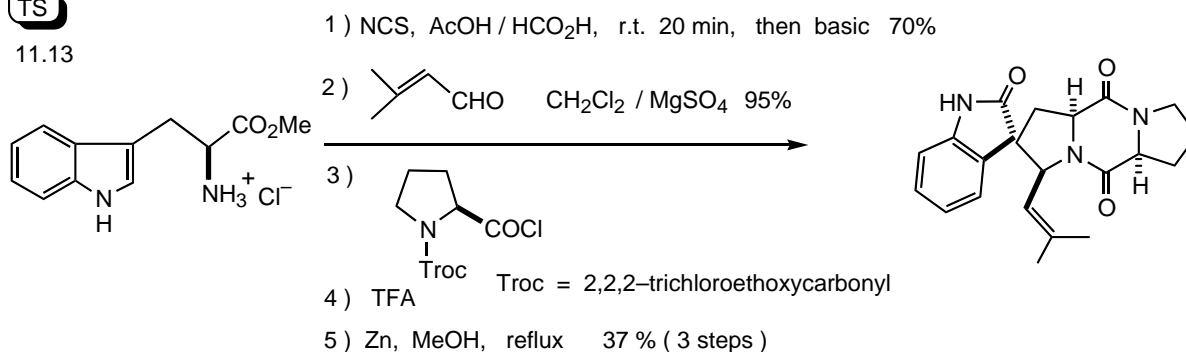
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