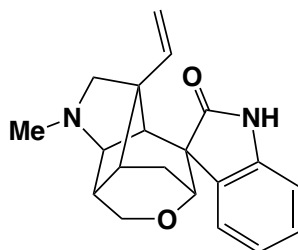
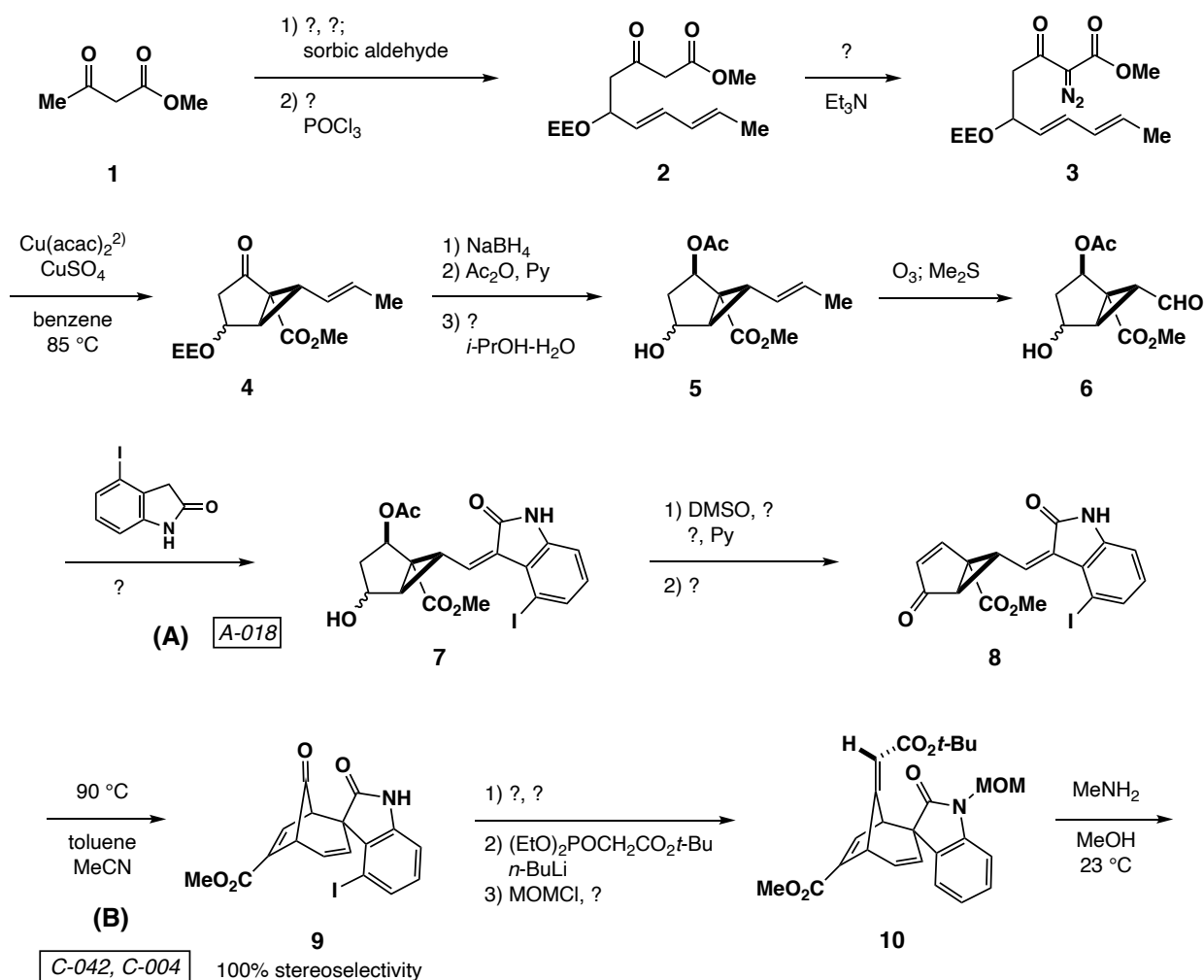
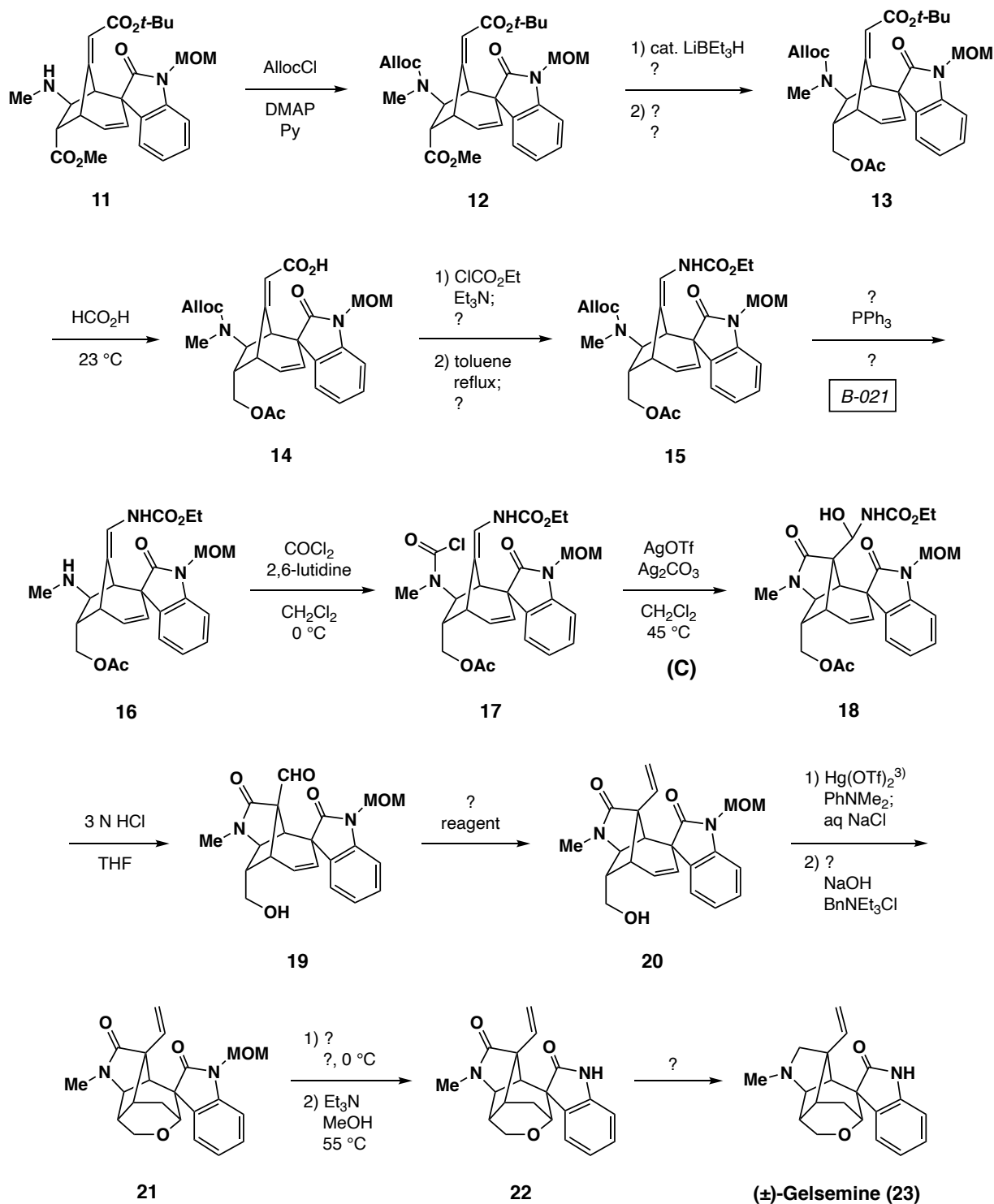


(±)-Gelsemine (TKGP200221)Tohru Fukuyama¹⁾

Activities: Analgesic action

Key Reactions: A) Knoevenagel condensation B) Divinylcyclopropane-cycloheptadiene rearrangement C) Silver-mediated cyclization





- References: 1) Fukuyama, T.; Liu, G. *J. Am. Chem. Soc.* **1996**, *118*, 7426.
 2) Kondo, K.; Umemoto, T.; Yako, K.; Tunemoto, D. *Tetrahedron Lett.* **1978**, *19*, 3927.
 3) Nishizawa, M.; Takenaka, H.; Hayashi, Y. *J. Org. Chem.* **1986**, *51*, 806.