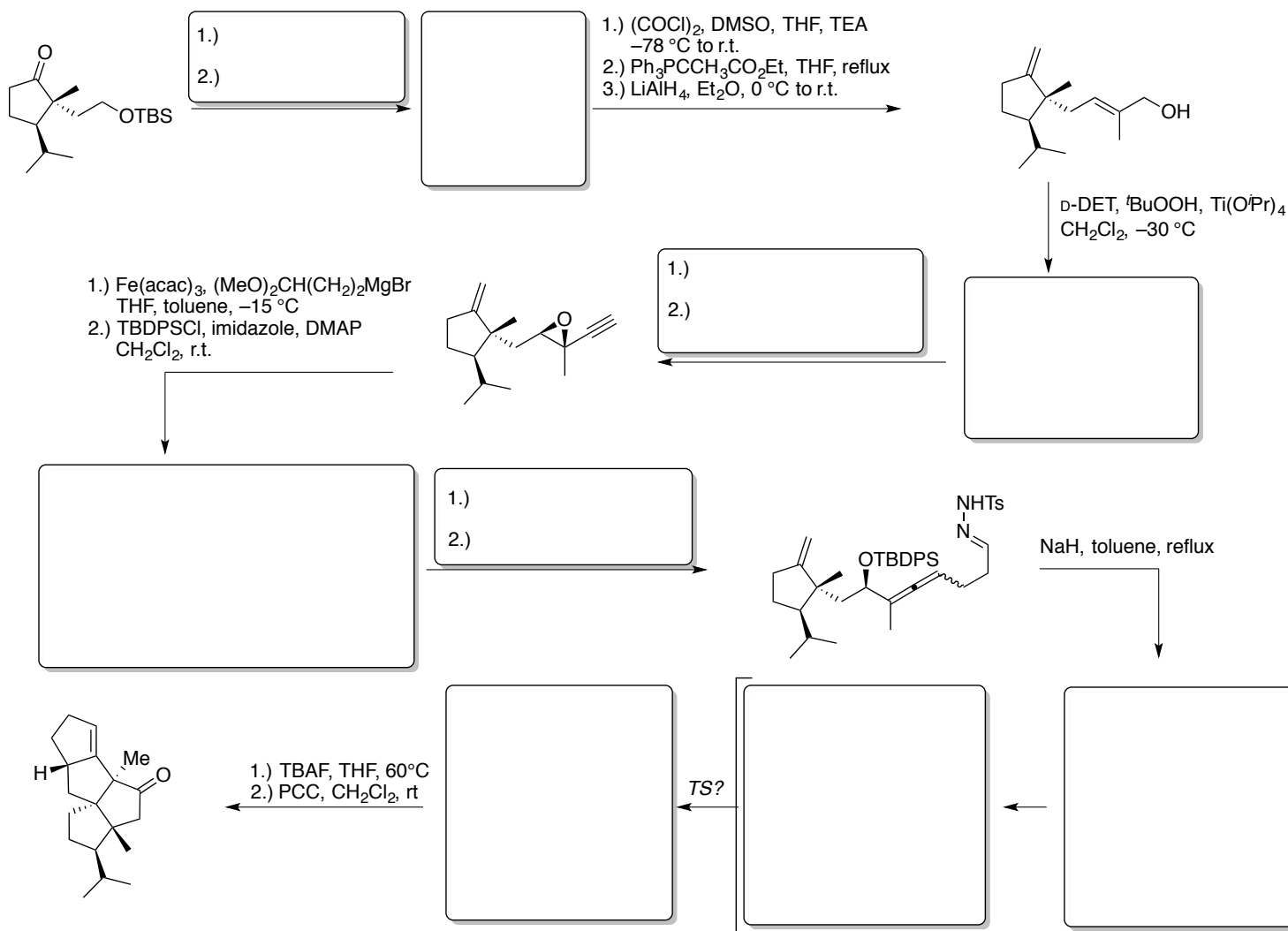


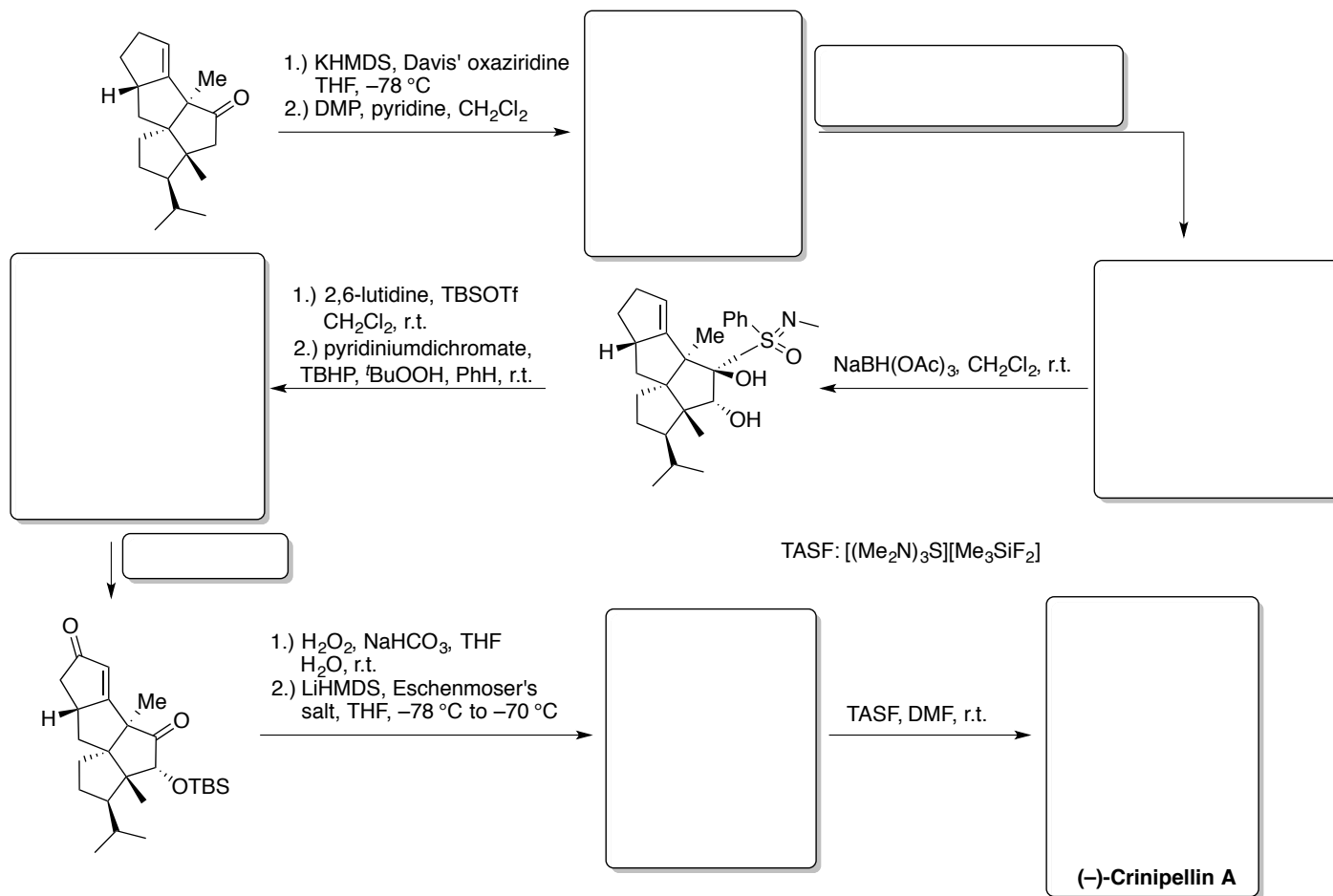
# E4: Total Synthesis of (-)-Crinipellin A<sup>[1]</sup>



[1] T. Kang, S. B. Song, W.-Y. Kim, B. G. Kim, H.-Y. Lee, *J. Am. Chem. Soc.* **2014**, *136*, 10274 – 10276.

[2] J. Gupta, T. Anke, F. Oberwinkler, G. Schramm, W. Steglich, *J. Antibiot.* **1979**, *32*, 130 – 135.

# E4: Total Synthesis of (-)-Crinipellin A<sup>[1]</sup>



(-)-Crinipellin A was isolated from *Crinipellis stipitaria* in 1979. It shows antibacterial as well as anticancer activities. Crinipellins are the only class of natural products having a tetraquinane core-structure.<sup>[2]</sup>

<sup>[1]</sup> T. Kang, S. B. Song, W.-Y. Kim, B. G. Kim, H.-Y. Lee, *J. Am. Chem. Soc.* **2014**, *136*, 10274 – 10276.

<sup>[2]</sup> J. Gupta, T. Anke, F. Oberwinkler, G. Schramm, W. Steglich, *J. Antibiot.* **1979**, *32*, 130 – 135.