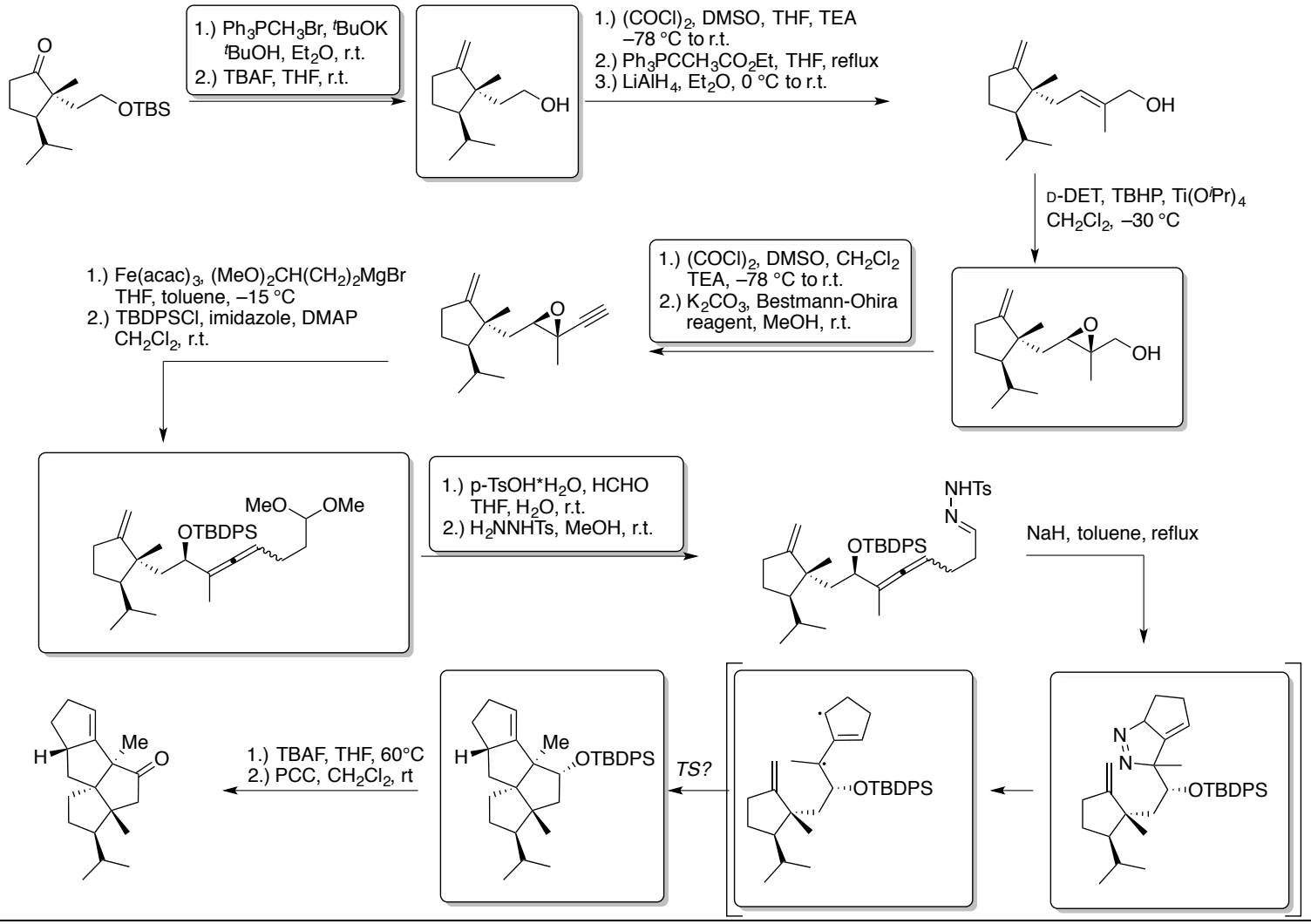
E4: Total Synthesis of (–)-Crinipellin A[1]



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

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08.10.2015
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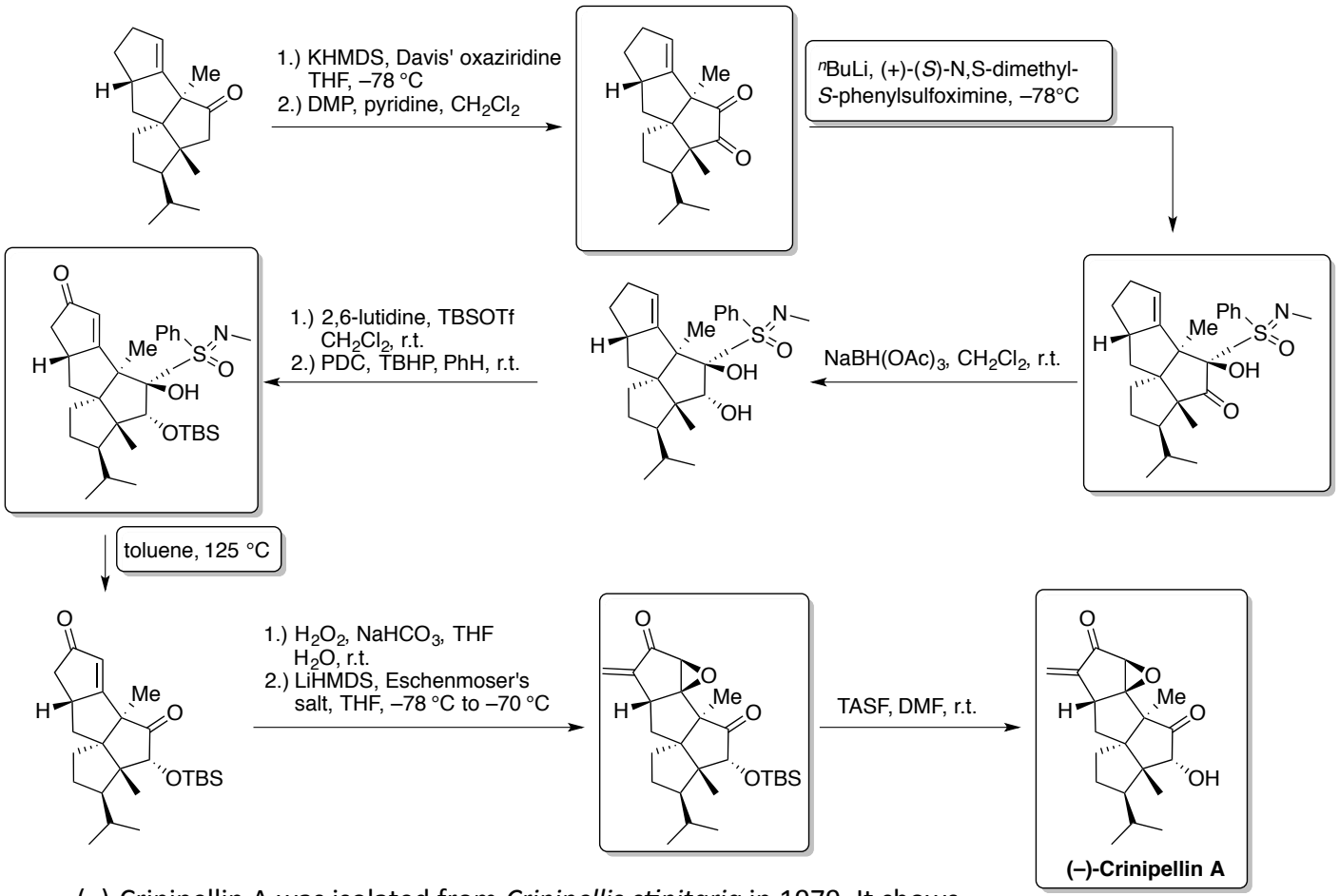

(–)-Crinipellin A was isolated from *Crinipellis stipitaria* in 1979. It shows antibacterial as well as anticancer activities. Crinipellins are the only class of natural products having a tetraquinane core-structure.[2]

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