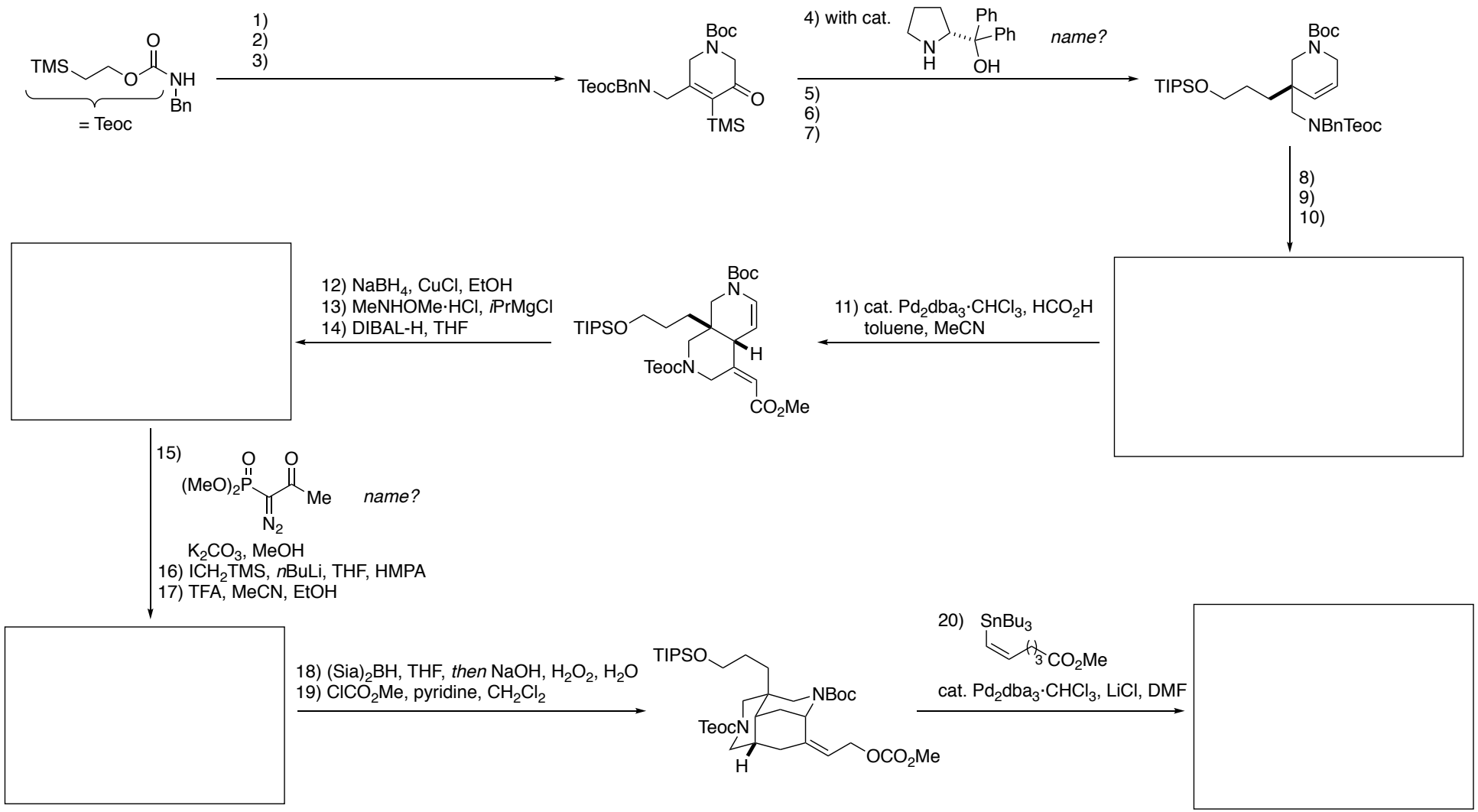
E61: Total Synthesis of Madangamine C



T. Suto, Y. Yanagita, Y. Nagashima, S. Takikawa, Y. Kurosu, N. Matsuo, T. Sato, N. Chida, *J. Am. Chem. Soc.* **2017**, *139*, 2952–2955; M. Amat, M. Pérez, R. Ballette, S. Proto, J. Bosch, *Alkaloids: Chem. Bio.* **2015**, *74*, 159-199.

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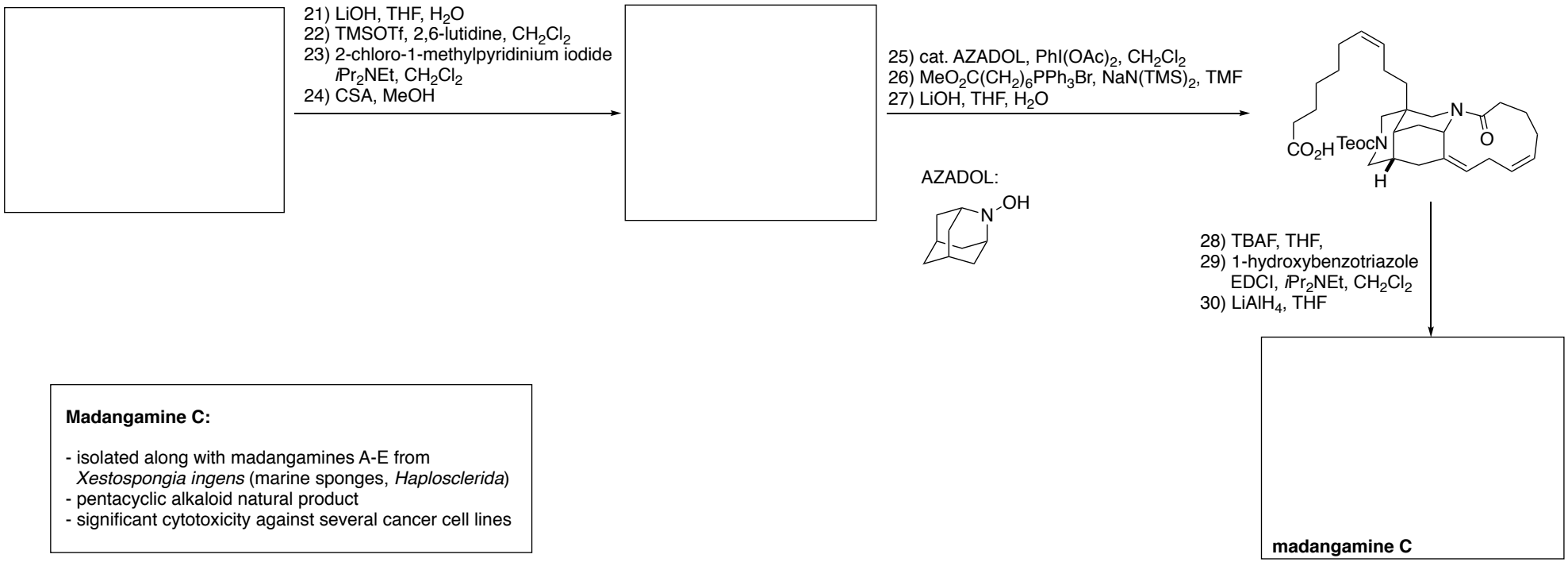

Madangamine C:

- isolated along with madangamines A-E from *Xestospongia ingens* (marine sponges, *Haplosclerida*)
- pentacyclic alkaloid natural product
- significant cytotoxicity against several cancer cell lines

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