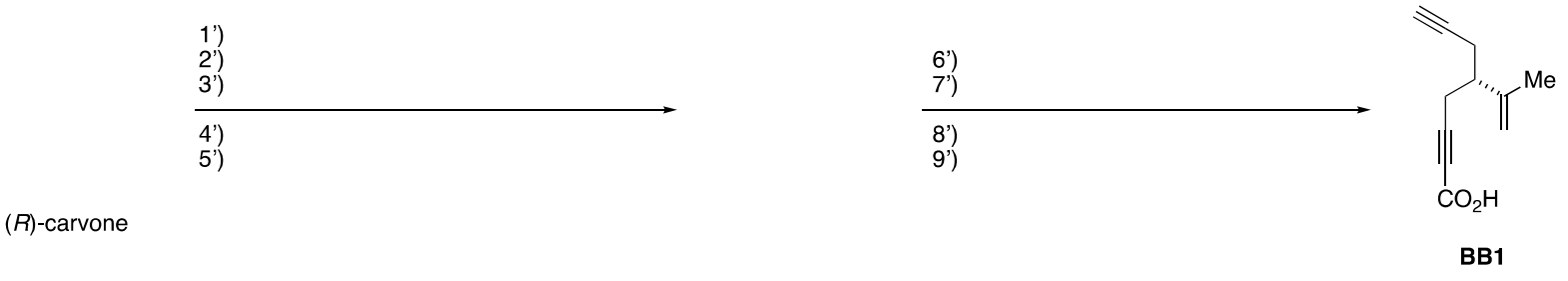
E120: (–)-Scabrolide A



[1] N. Hafeman, S. A. Loskot, C. Reimann, B. P. Pritchett, S. C. Virgil, B. Stoltz, *ChemRxiv. Preprint* **2020.**
[2] H. Weinstabl, T. Gaich, J. Mulzer, *Org. Lett.* **2012**, *14*, 2834 – 2937.
[3] Z. G. Brill, H. K. Grover, T. J. Maimone, *Science* **2016**, *352*, 1078 – 1082.

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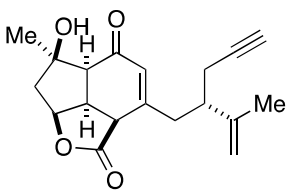

13) *m*-CPBA, DCM, 0 °C —> rt
14) $PhMe_2SiH$, $[RuCp^*(CH_3CN)_2]PF_6$, DCM, 0 °C

15) *hv* (350 nm), benzene, rt
16) Cp_2TiCl_2, Mn^0, collidine * HCl, 1,4-cyclohexadiene, THF, rt

17) $Hg(OAc)_2$, AcOOH/AcOH, rt
18) *o*-$NO_2PhSeCN$, *n*-Bu_3P, THF, rt
then H_2O_2, 0 °C —> rt

13') $PhMe_2SiH$, $[RuCp^*(CH_3CN)_2]PF_6$, DCM, 0 °C

14') *hv* (350 nm), benzene, rt

undesired

19) CuI, NIS, toluene, 90 °C

fragmentation

elimination

(–)-scabrolide A

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