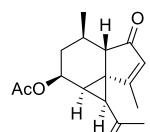


Shagene A



Shagene B

Tsukano, C.; Yagita, R.; Heike, T.; Mohammed, T. A.; Nishibayashi, K.; Irie, K.; Takemoto, Y. Asymmetric Total Synthesis of Shagenes A and B. *Angew. Chemie Int. Ed.* **2021**, 1–6

Isolated by baker and coworkers in 2014 from a soft coral in the Scotia Sea (between South America and Antarctica)

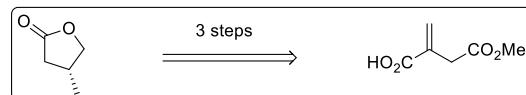
Investigation n the development of pharmaceuticals again Leishmaniasis

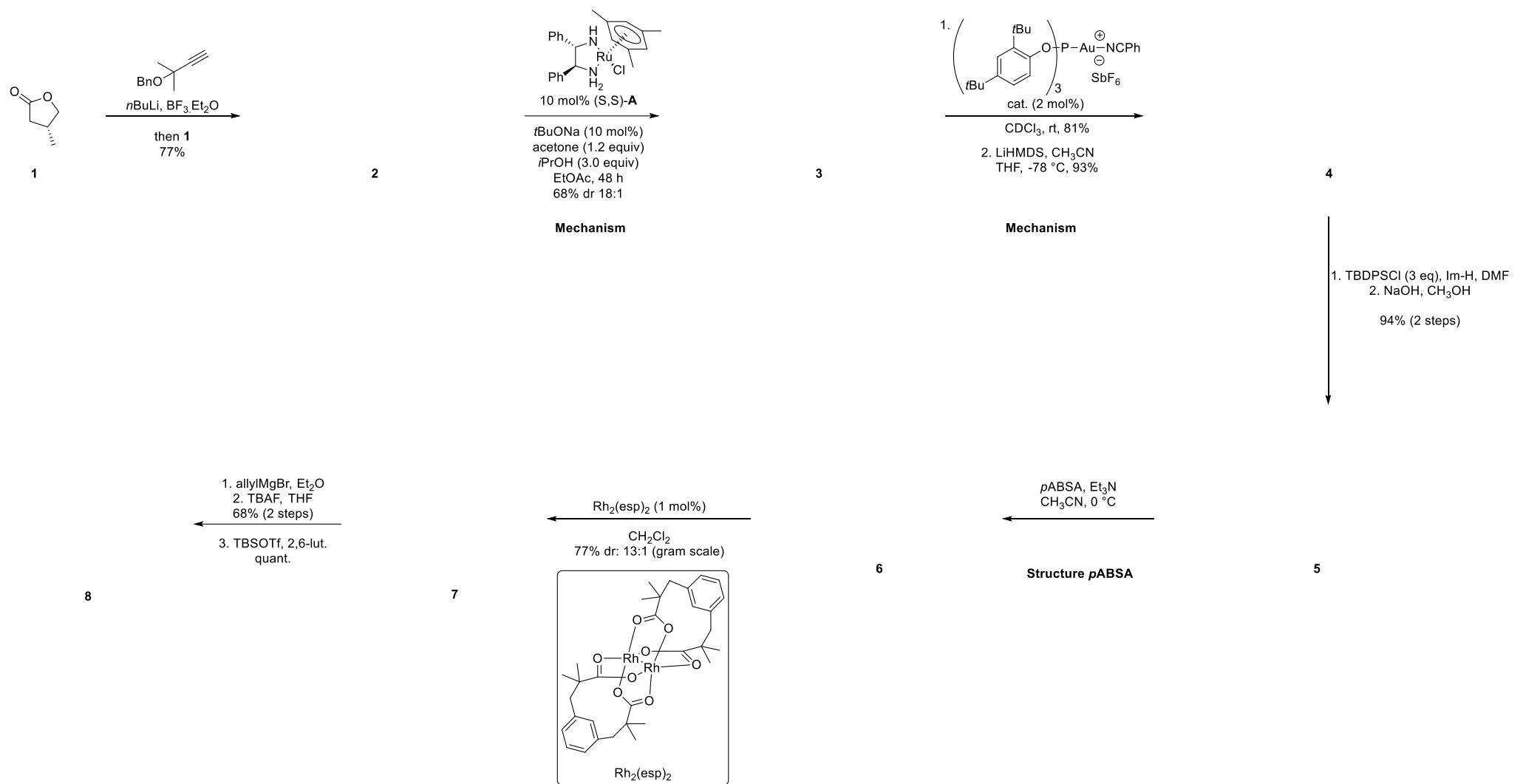
First enantioselective total synthesis

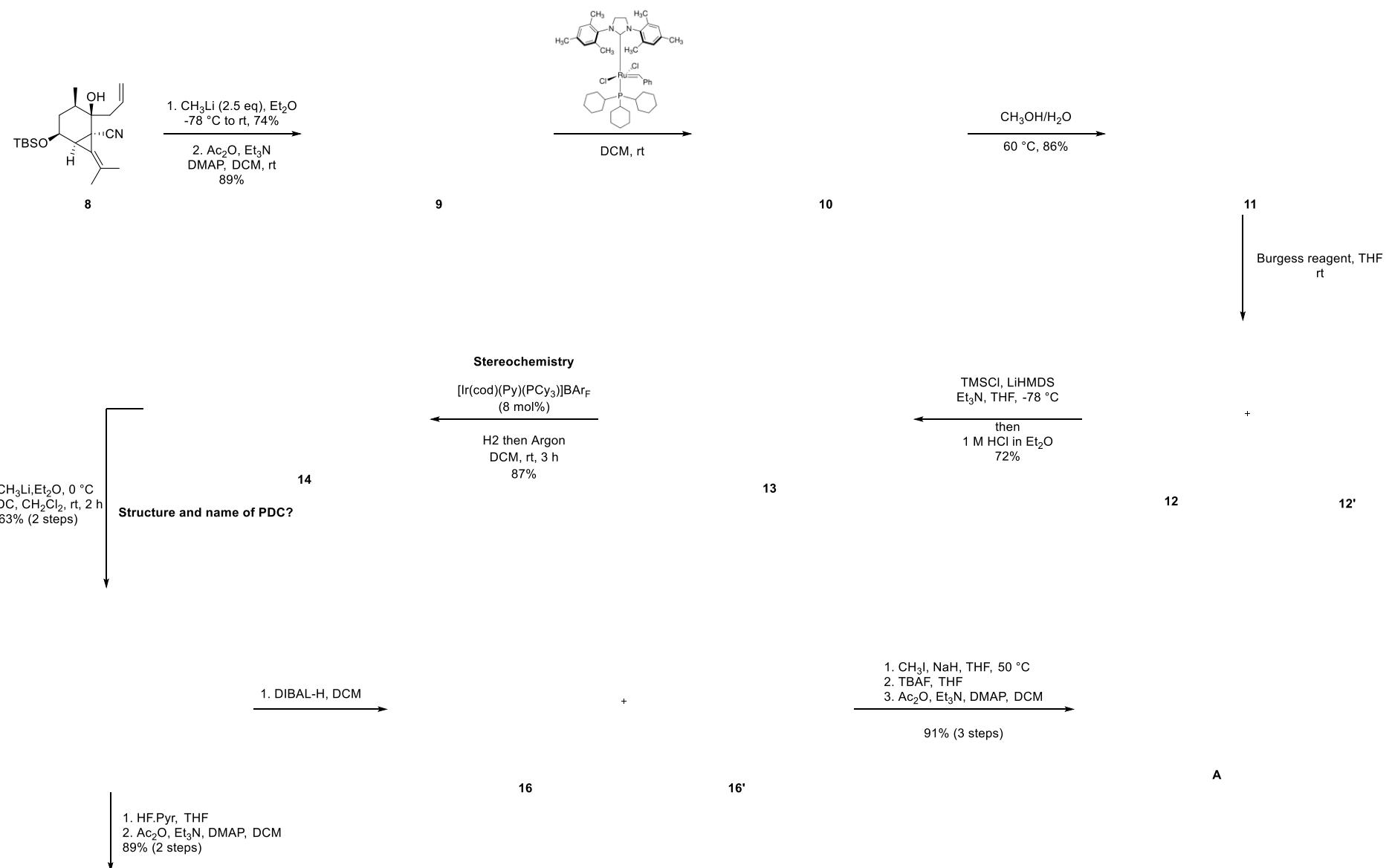
First determination of absolute configurations

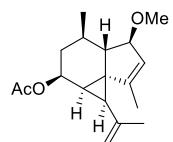
Shagene A: 24 steps

Shagene B: 22 steps

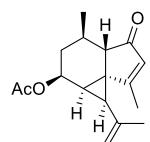








Shagene A



Shagene B

Tsukano, C.; Yagita, R.; Heike, T.; Mohammed, T. A.; Nishibayashi, K.; Irie, K.; Takemoto, Y. Asymmetric Total Synthesis of Shagenes A and B. *Angew. Chemie Int. Ed.* **2021**, 1–6

Isolated by baker and coworkers in 2014 from a soft coral in the Scotia Sea (between South America and Antarctica)

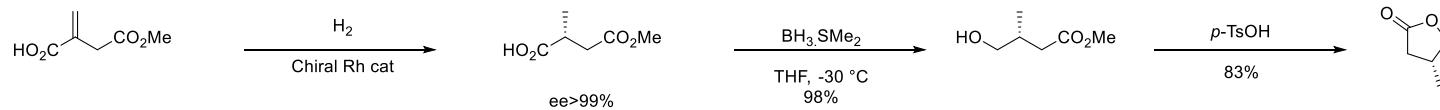
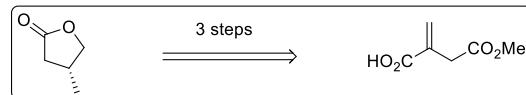
Investigation n the development of pharmaceuticals again Leishmaniasis

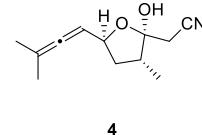
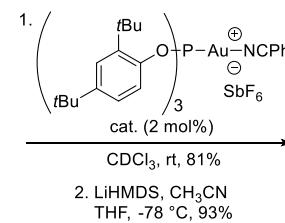
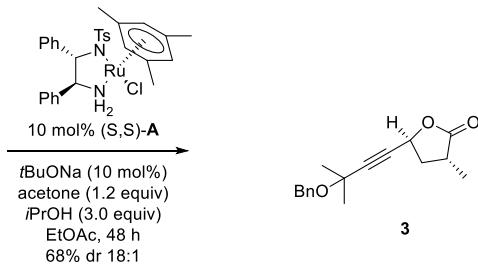
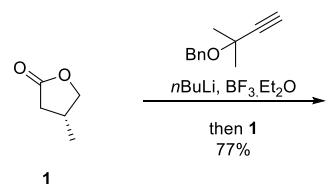
First enantioselective total synthesis

First determination of absolute configurations

Shagene A: 24 steps

Shagene B: 22 steps





1. TBDPSCl (3 eq), Im-H, DMF
2. NaOH, CH₃OH
94% (2 steps)

