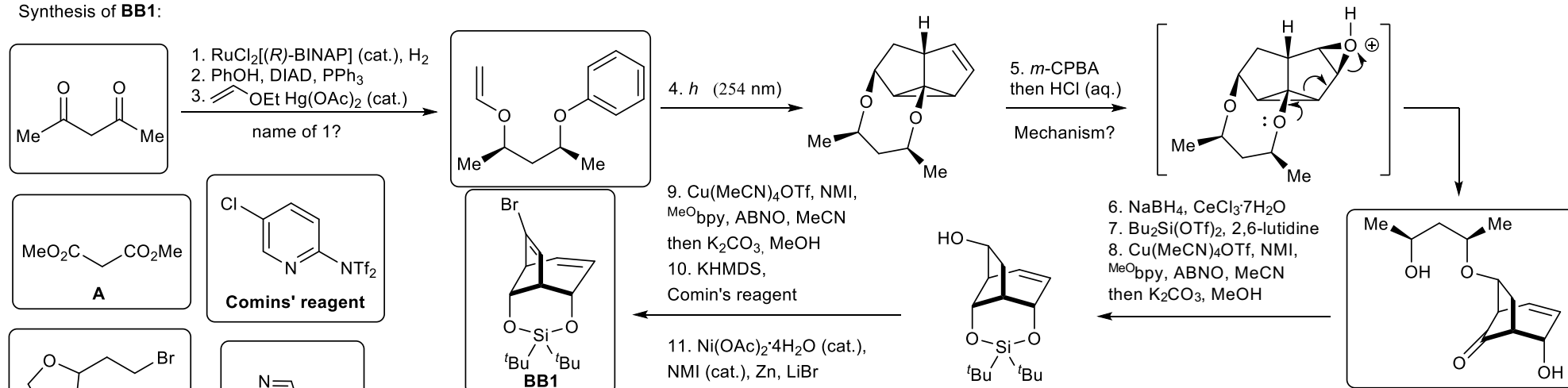
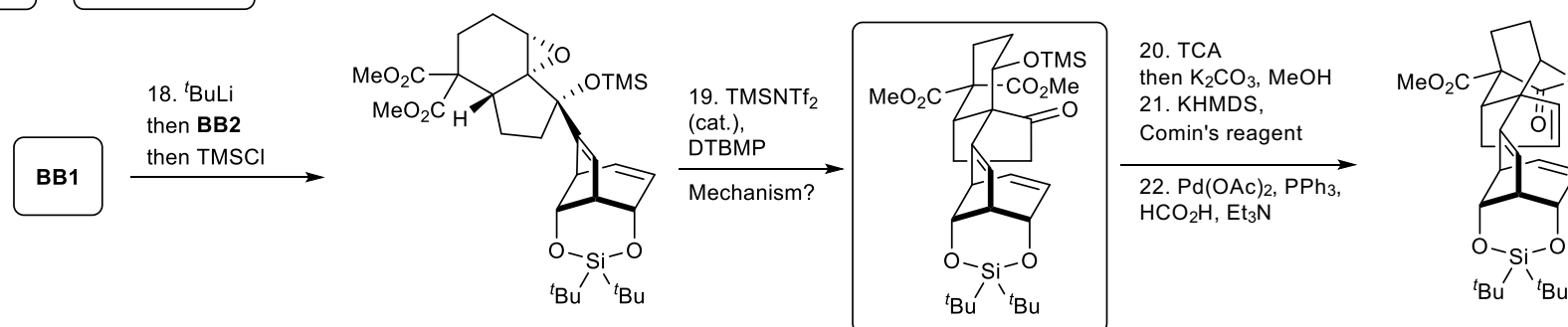
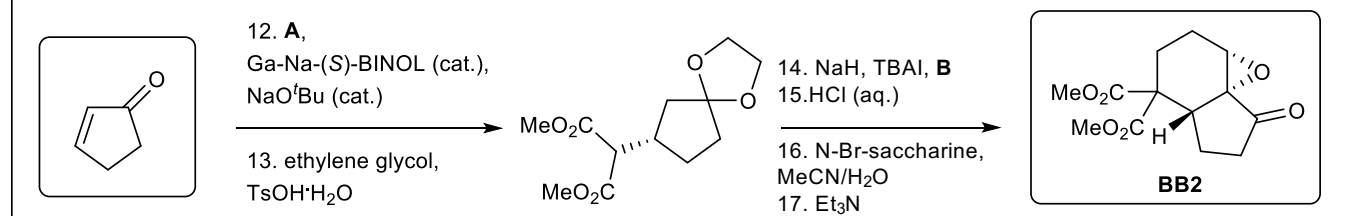


E170: Synthesis of (-)-Talatisamine, (-)-Liljestrandisine, and (-)-Liljestrandinine. Solution

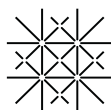
Synthesis of **BB1**:



Synthesis of **BB2**:

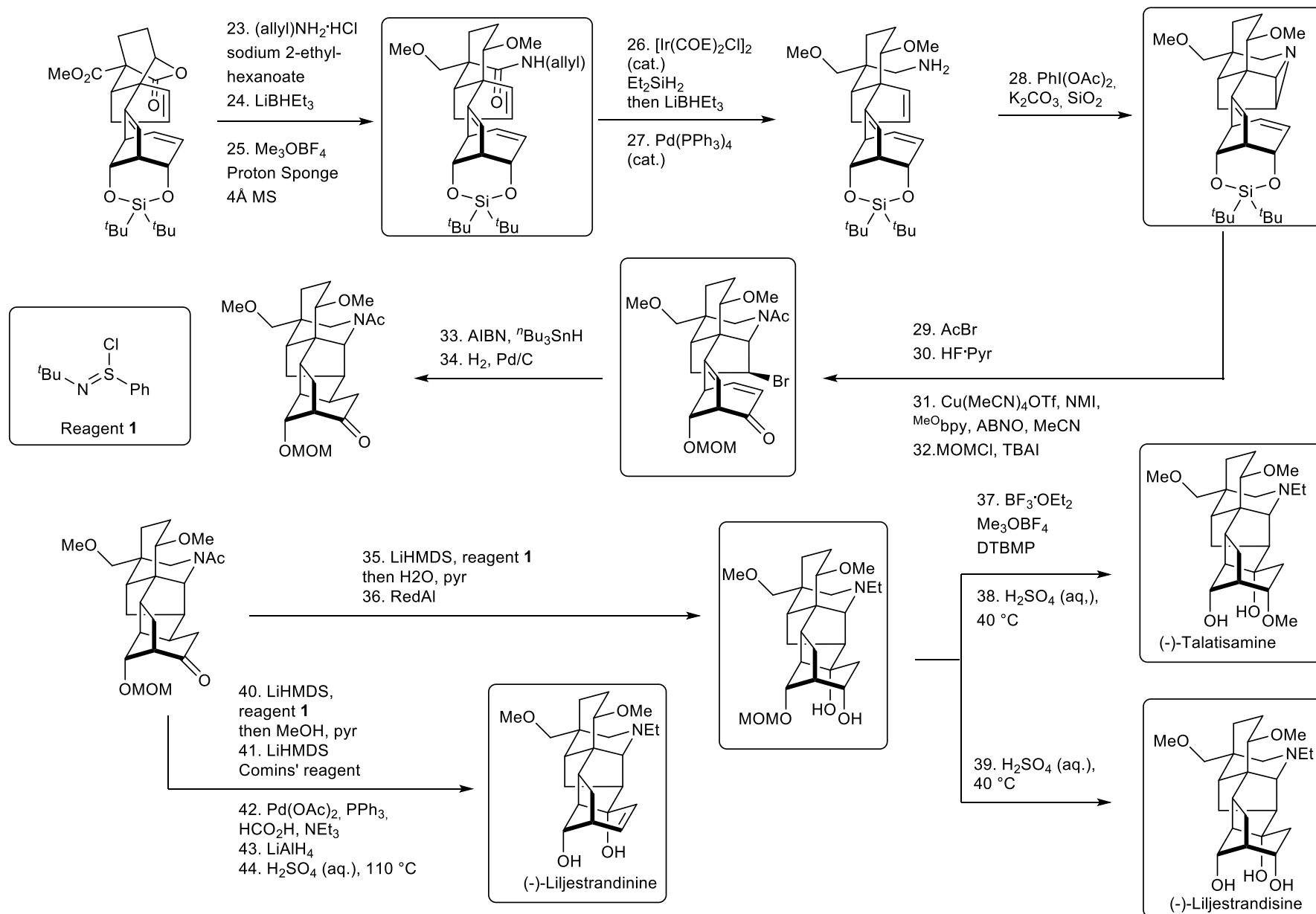


[1] Wong, A. R.; Fastuca, N. J.; Mak, V. W.; Kerkovius, J. K.; Stevenson, S. M.; Reisman, S. E. *ACS Central Science* **2021**, *7*, 1311-1316. Step 4: [2] Hagiya, K.; Yamasaki, A.; Okuyama, T.; Sugimura, T. *Tetrahedron: Asymmetry* **2004**, *15*, 1409-1417. [3] Sugimura, T.; Yamasaki, A.; Okuyama, T. *Tetrahedron: Asymmetry* **2005**, *16*, 675-683.

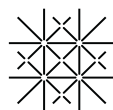


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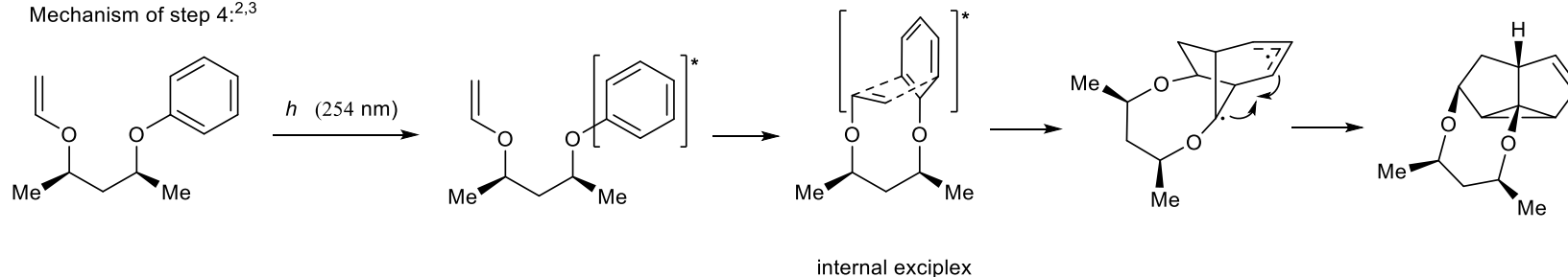
[1] Wong, A. R.; Fastuca, N. J.; Mak, V. W.; Kerkovius, J. K.;
 Stevenson, S. M.; Reisman, S. E. *ACS Central Science* **2021**, *7*, 1311-
 1316. Step 4: [2] Hagiya, K.; Yamasaki, A.; Okuyama, T.; Sugimura, T.
Tetrahedron: Asymmetry **2004**, *15*, 1409–1417. [3] Sugimura, T.;
 Yamasaki, A.; Okuyama, T. *Tetrahedron: Asymmetry* **2005**, *16*,
 675–683.



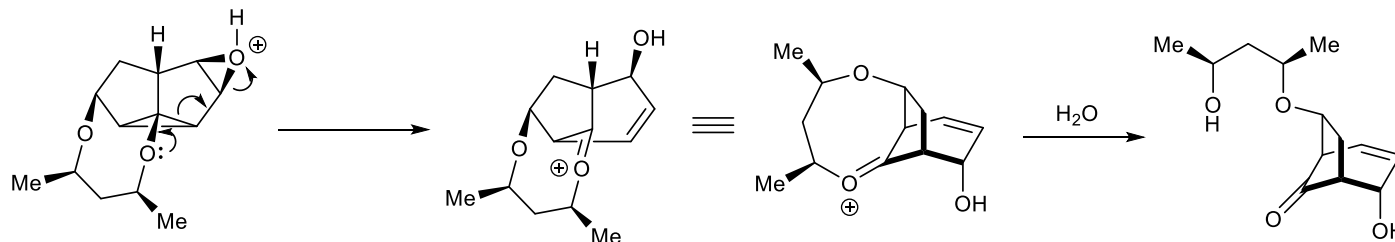
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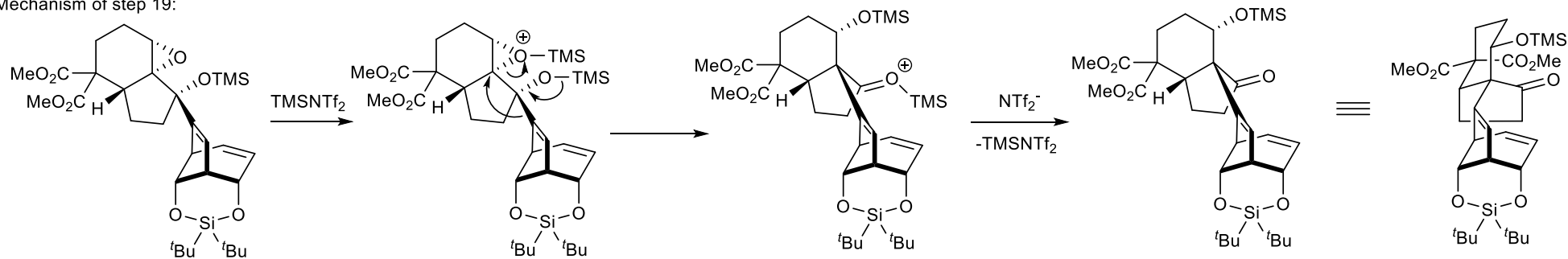
Mechanism of step 4:^{2,3}



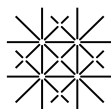
Mechanism of step 5:



Mechanism of step 19:



[1] Wong, A. R.; Fastuca, N. J.; Mak, V. W.; Kerkovius, J. K.; Stevenson, S. M.; Reisman, S. E. *ACS Central Science* **2021**, *7*, 1311-1316. Step 4: [2] Hagiya, K.; Yamasaki, A.; Okuyama, T.; Sugimura, T. *Tetrahedron: Asymmetry* **2004**, *15*, 1409-1417. [3] Sugimura, T.; Yamasaki, A.; Okuyama, T. *Tetrahedron: Asymmetry* **2005**, *16*, 675-683.



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