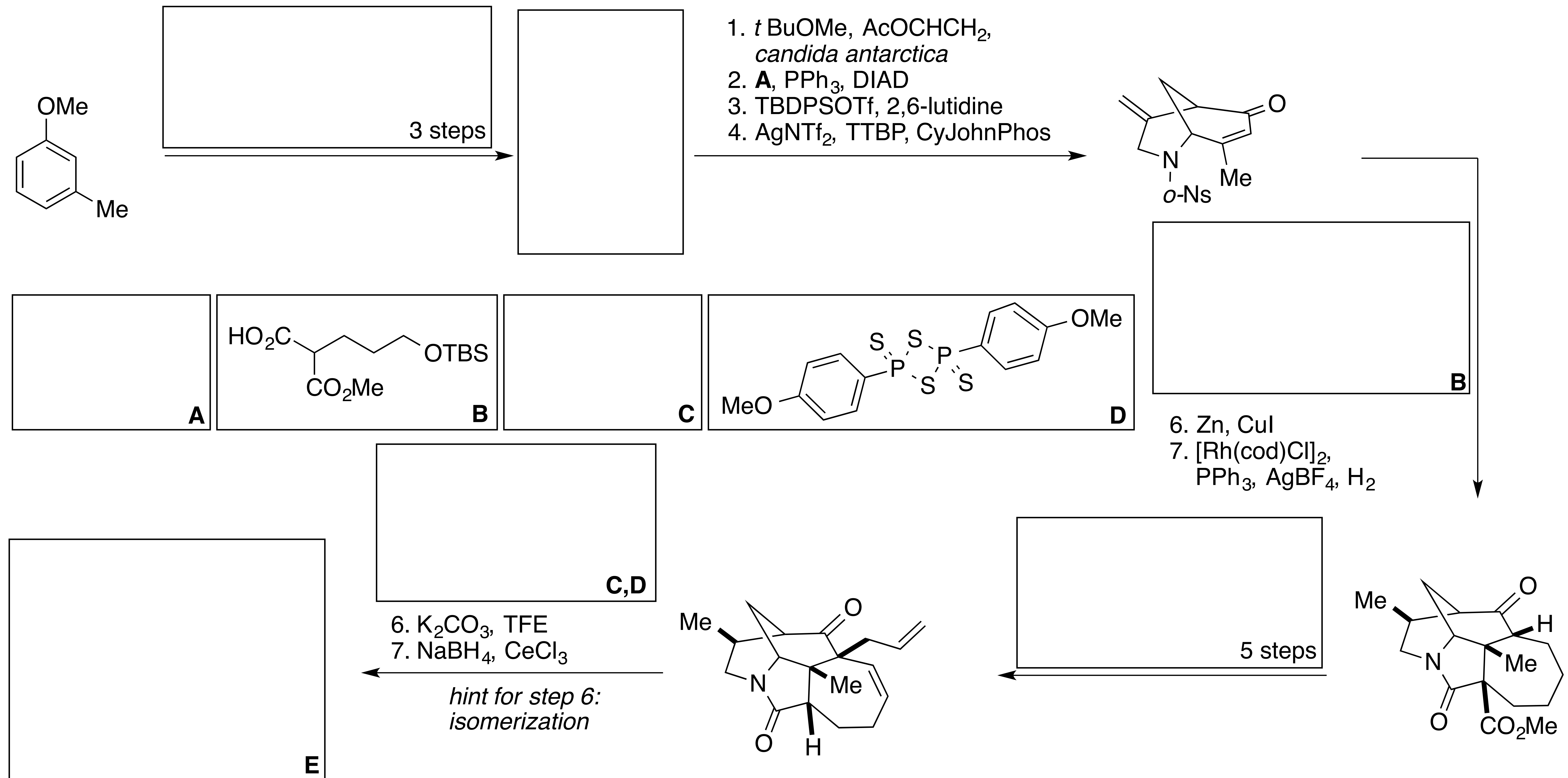
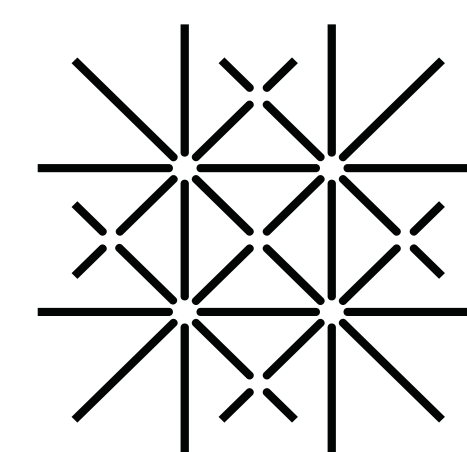


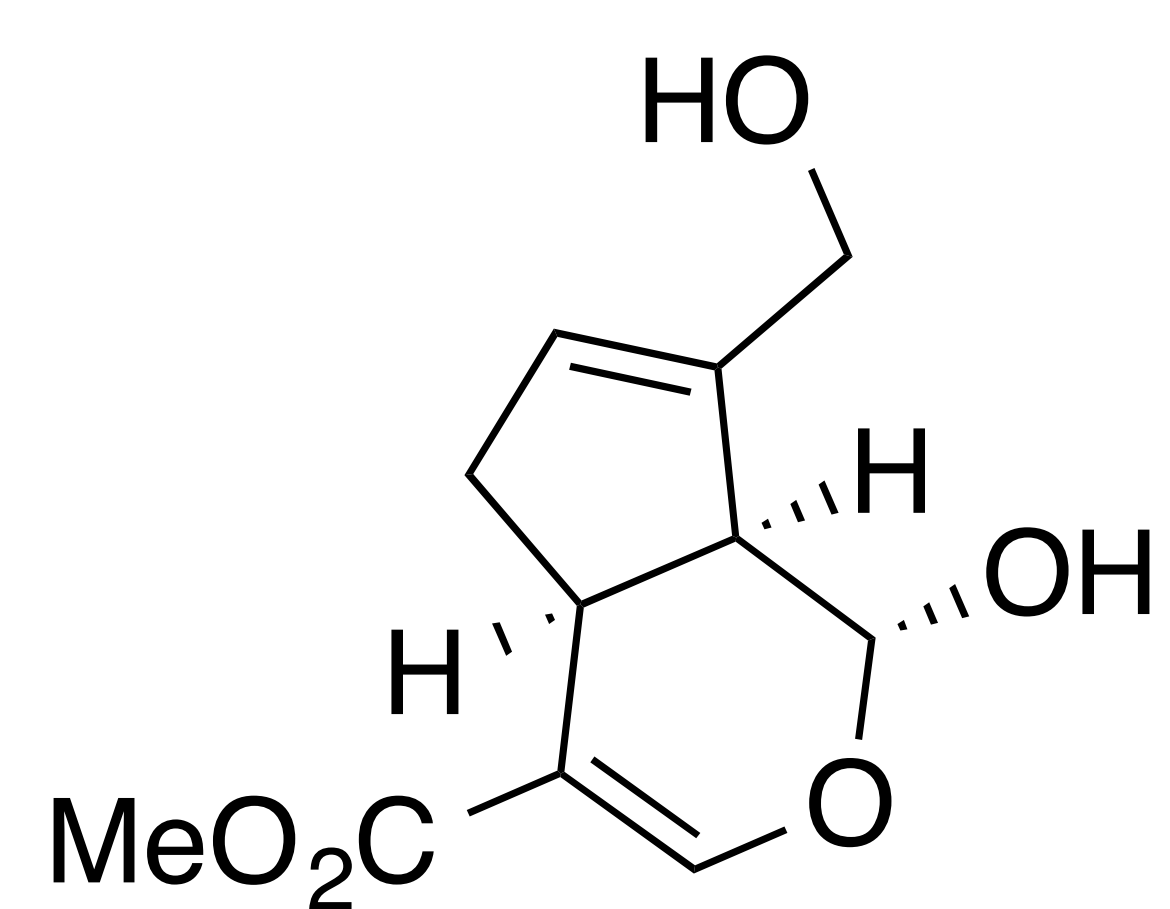
E80: Synthesis of Hybridaphniphylline B^[1,2]



[¹] W. Zhang, M. Ding, J. Li, Z. Guo, M. Lu, Y. Chen, L. Liu, Y.-H. Shen, A. Li, *JACS* **2018**, *140*, 4227.

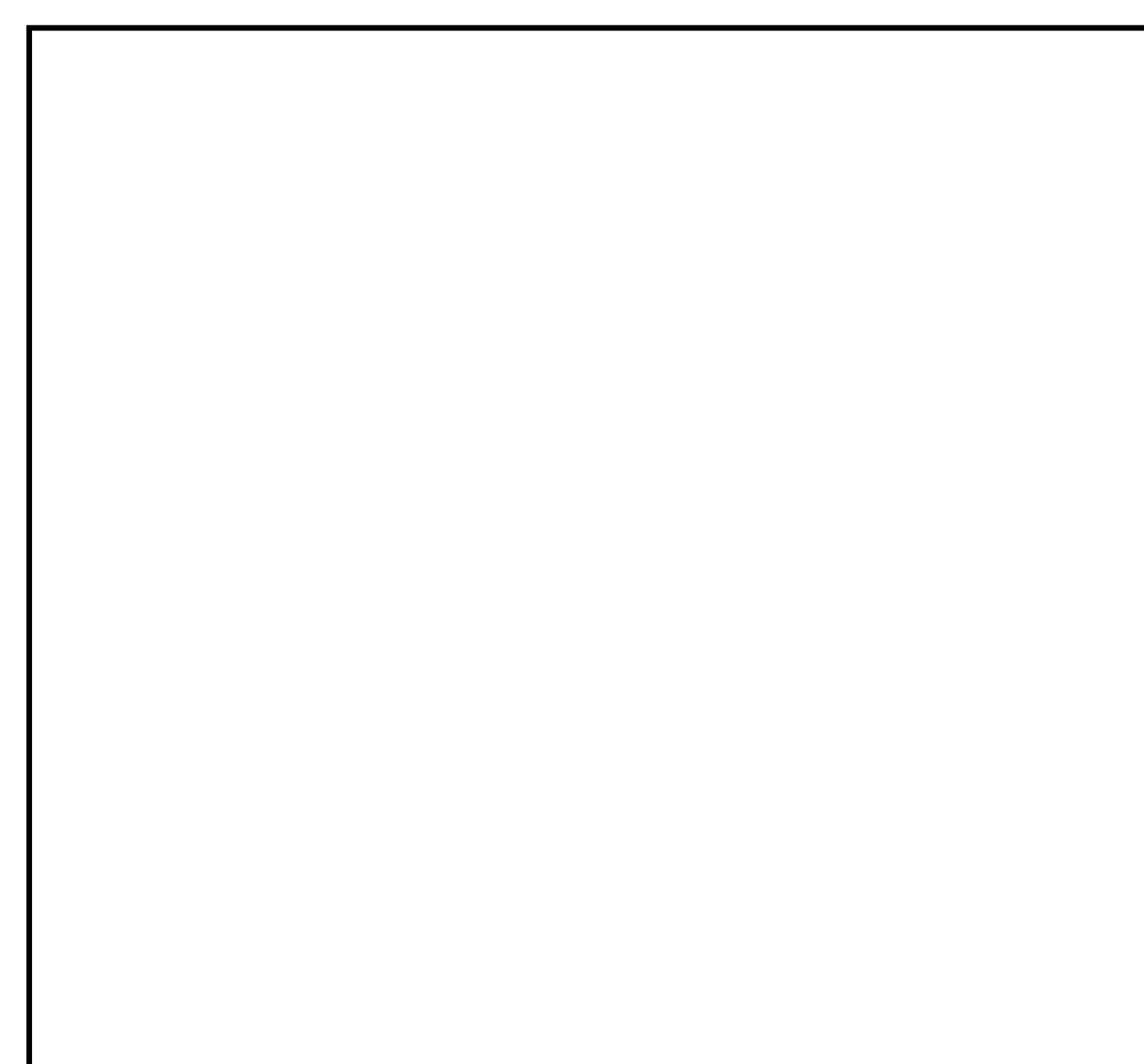
[²] J. Li, W. Zhang, F. Zhang, Y. Chen, A. Li, *JACS* **2017**, *139*, 14893.



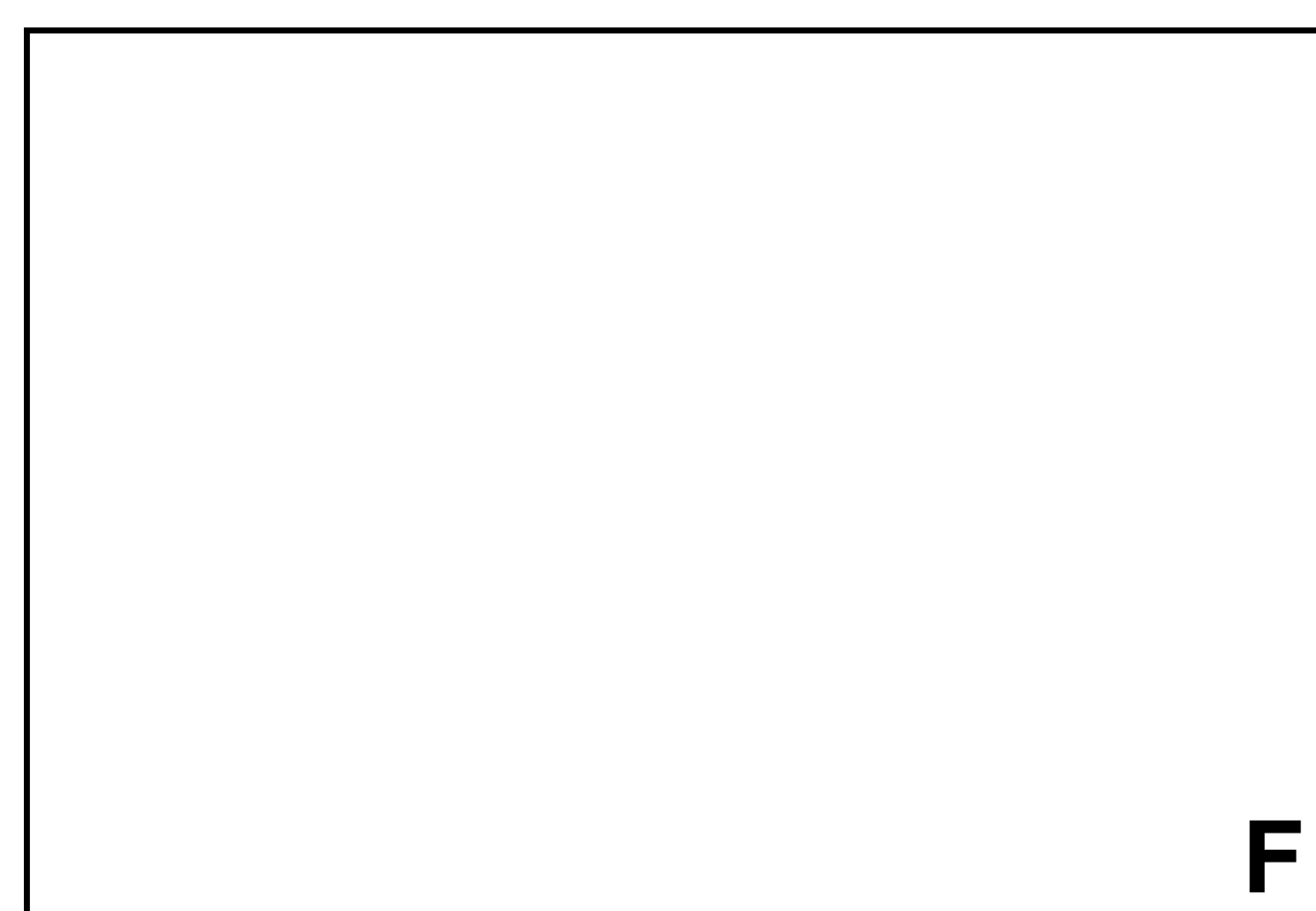
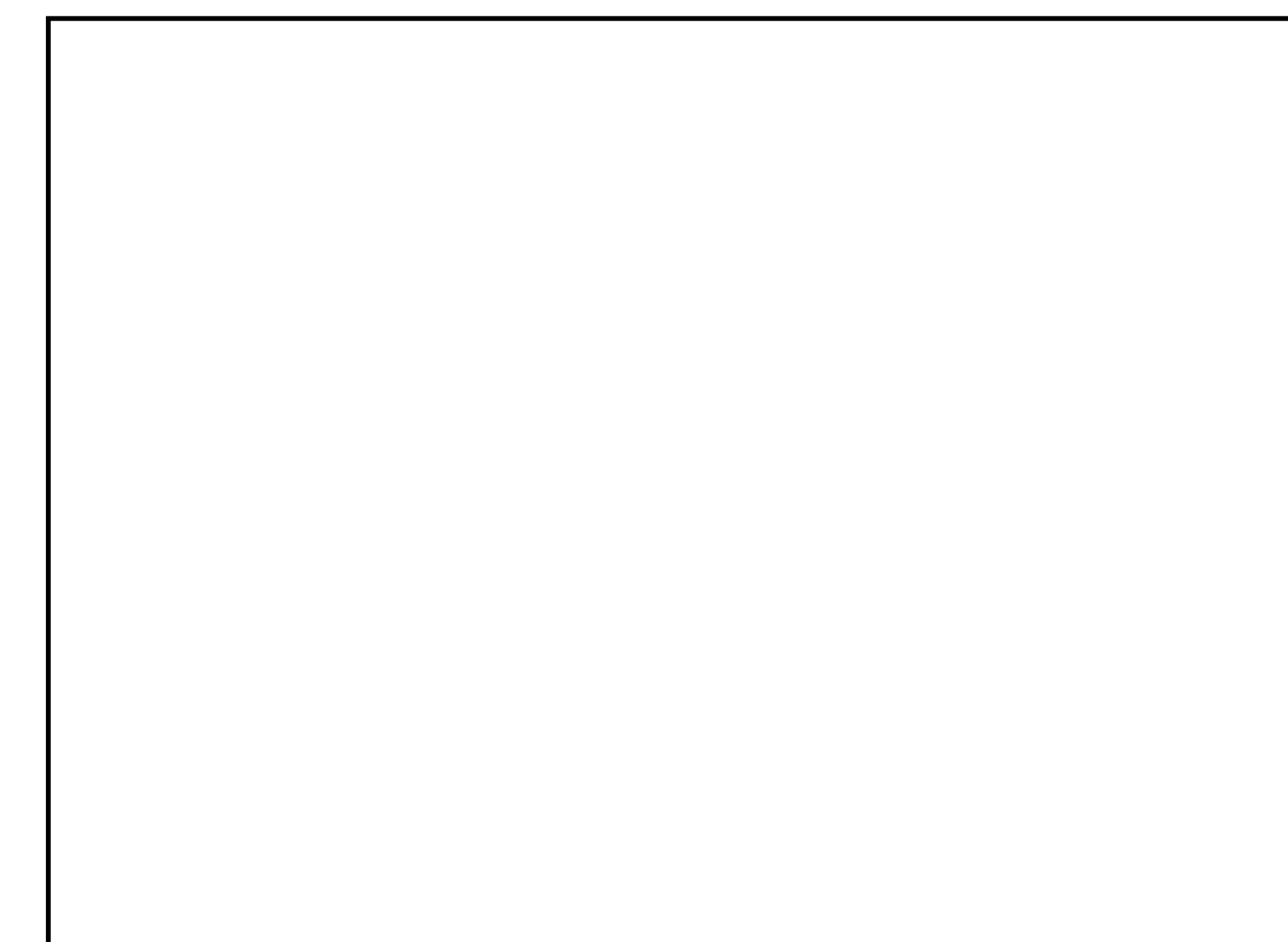


(+)-genipin

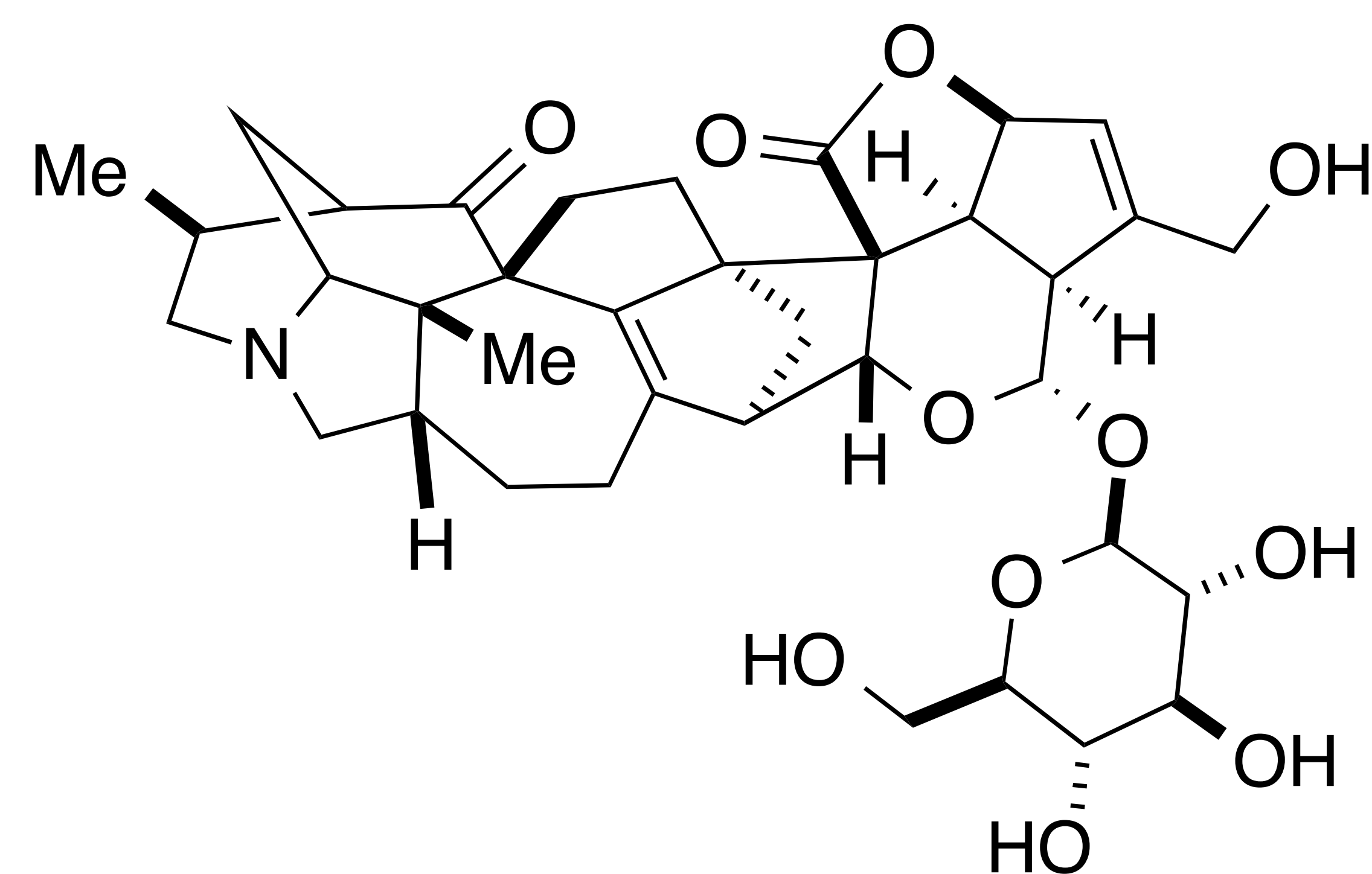
1. TBSCl
2. OsO₄, NMO, *t* BuOH
3. Tf₂O, DMAP; *then* DBU
4. PPTS, acetone, H₂O



1. Ac₂O, 4-DMAP, *i*Pr₂NEt;
then TBSOTf, *i*Pr₂NEt
2. TBAF
3. **F**, BF₃•Et₂O
4. TBAF



1. Me₃SnOH
2. Ac₂O, 4-DMAP, *i*Pr₂NEt



Hydridaphniphylline B

1. MgSO₄, BHT, 160 °C
2. Raney Ni, H₂
3. Et₃N, MeOH, H₂O



[1] W. Zhang, M. Ding, J. Li, Z. Guo, M. Lu, Y. Chen, L. Liu, Y.-H. Shen, A. Li, *JACS* **2018**, *140*, 4227.

[2] J. Li, W. Zhang, F. Zhang, Y. Chen, A. Li, *JACS* **2017**, *139*, 14893.

