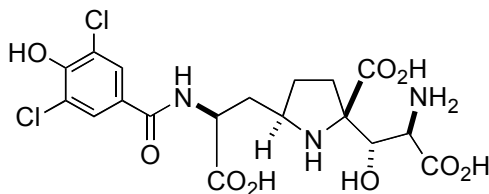


(-)-Kaitocephalin (100612-TKGP)

Y. Ohfuné, T. Shinada^{1), 2)}

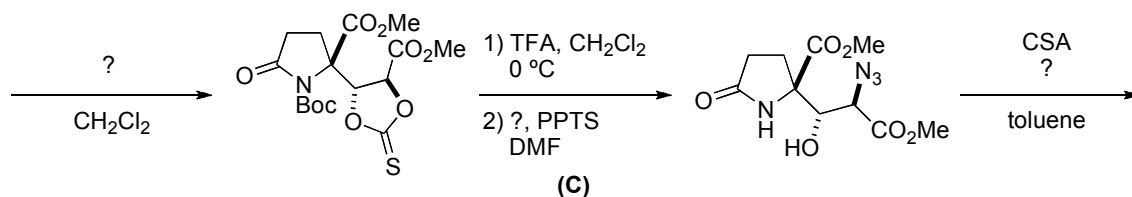
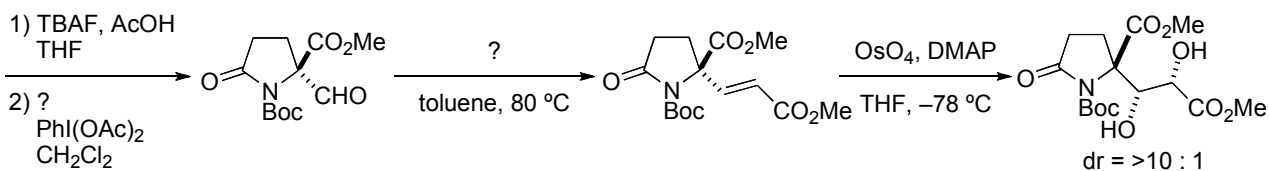
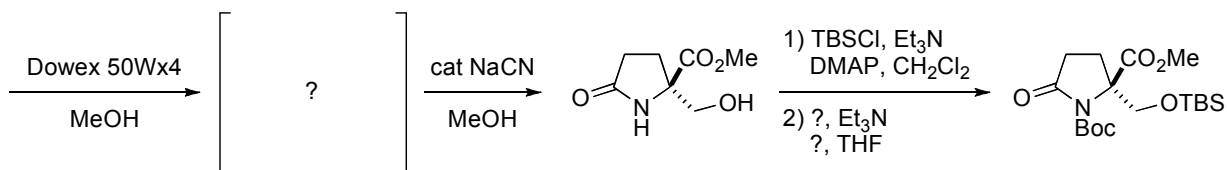
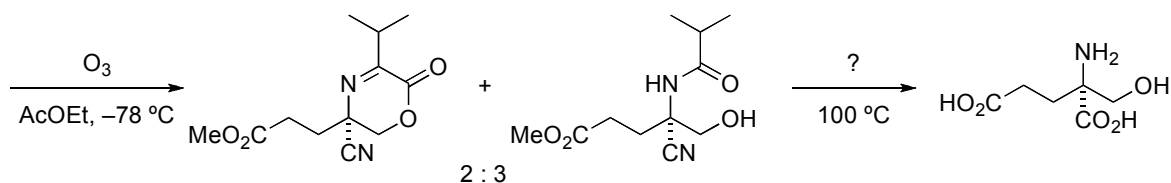
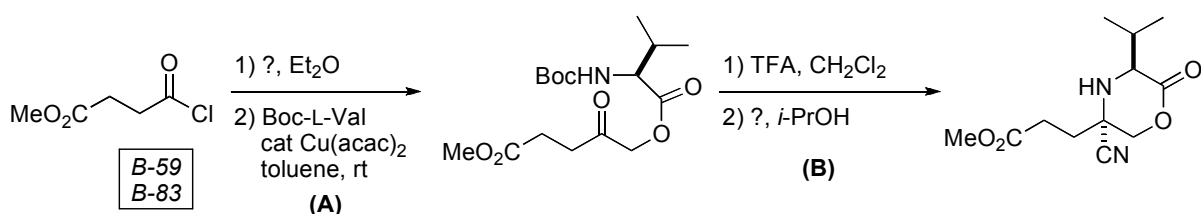


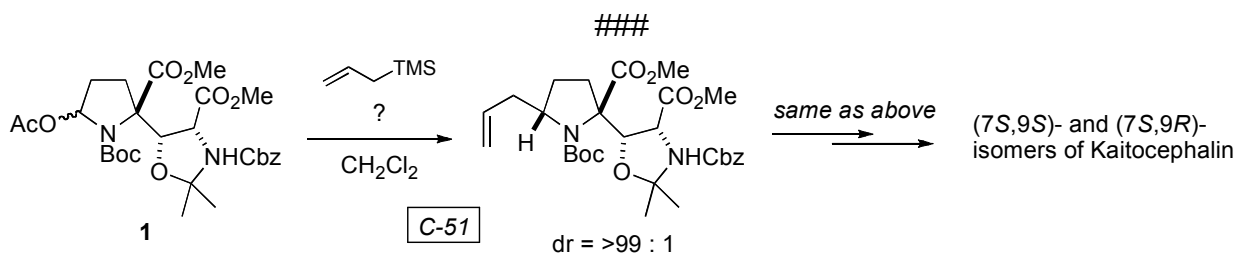
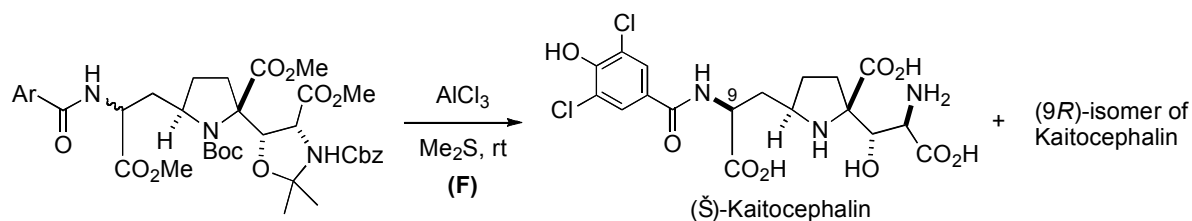
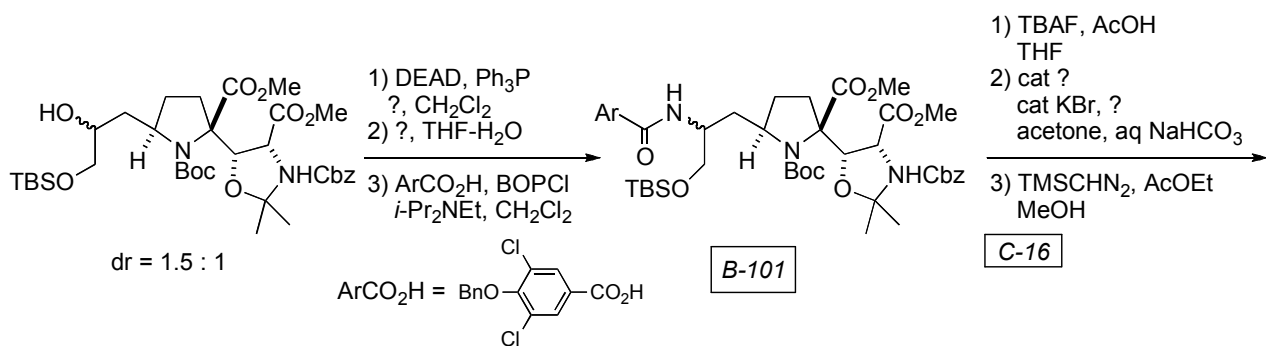
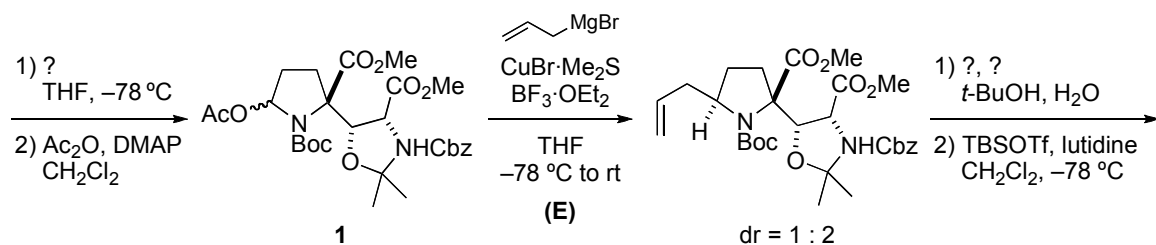
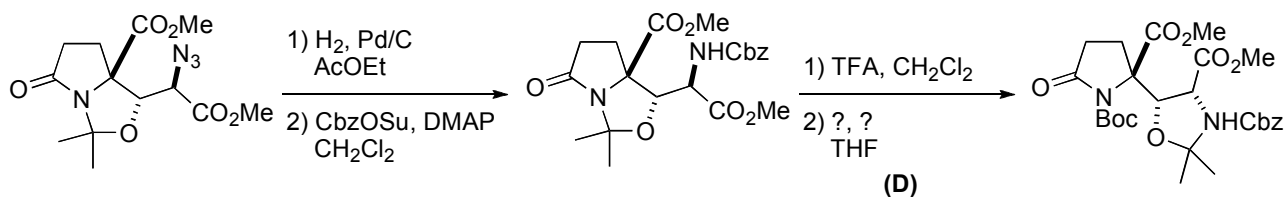
Activity

Ionotropic glutamate receptor antagonist (イオンチャンネル型グルタミン酸受容体アンタゴニスト)

Key Reactions

(A) Cu-catalyzed insertion reaction, (B) asymmetric transferring Strecker synthesis, (C) regioselective azidation, (D) acetonide migration, (E) allylation of *N*-acyliminium ion, (F) deprotection using Hard / Soft concept





References:

- 1) M. Kawasaki, T. Shinada, M. Hamada, Y. Ohfuné, *Org. Lett.*, **7**, 4165 (2005)
- 2) 大船泰史, *ファルマシア*, **42**, 817 (2006)