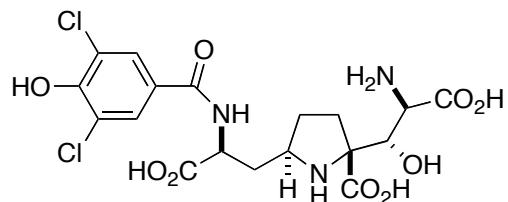
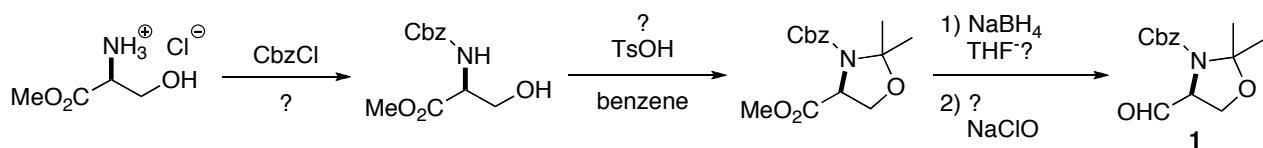


## (-)-Kaitocephalin (TKGP-170902)

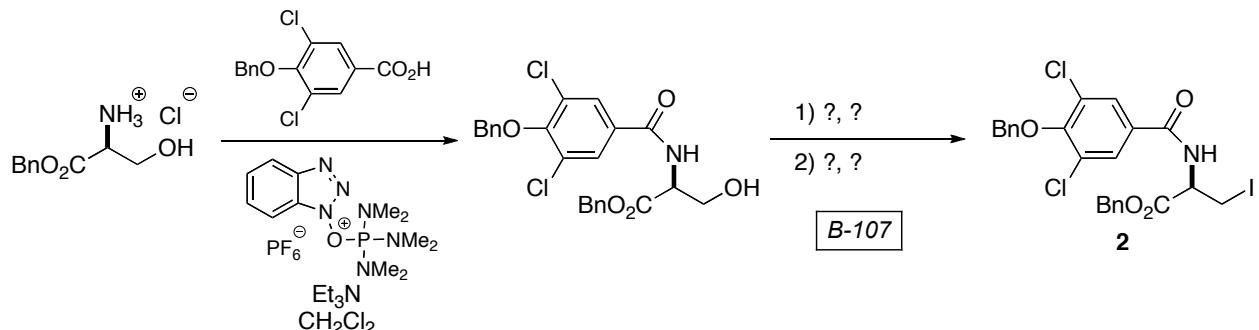
H. Watanabe, T. Kitahara<sup>1)</sup>

*Activity* Glutamate receptor antagonist (グルタミン酸受容体アンタゴニスト)

*Key Reactions* (A) aldol reaction, (B) nitrone formation, (C) addition to nitrone

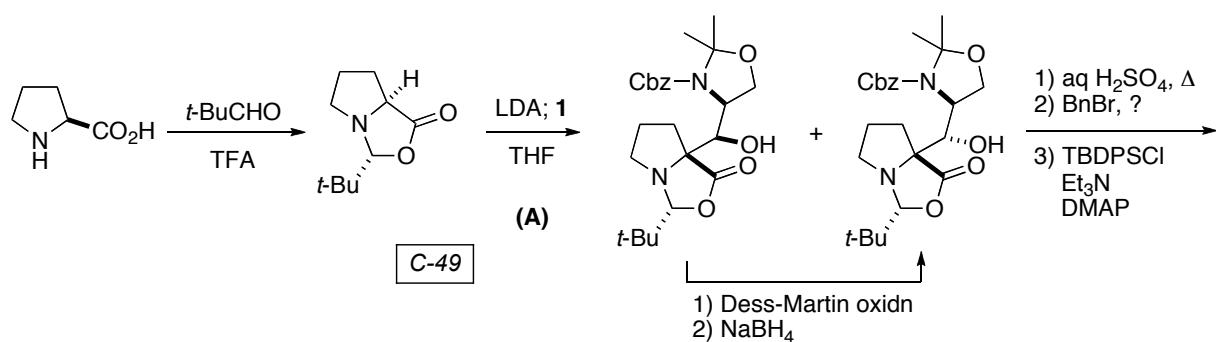


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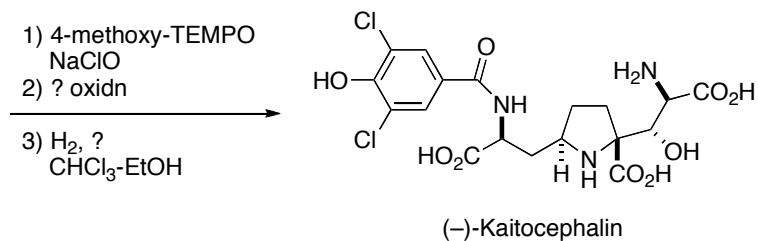
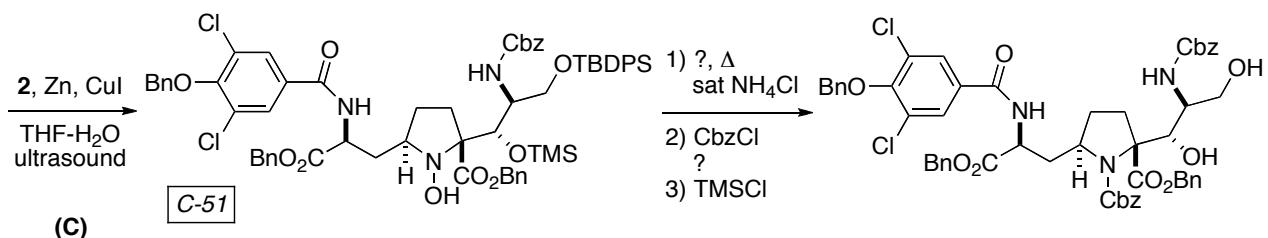
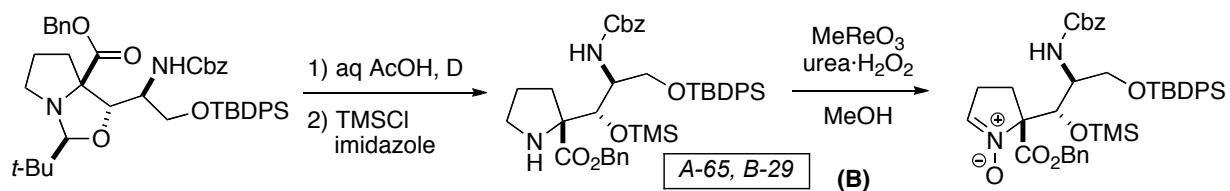
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1) Dess-Martin oxidn  
2)  $\text{NaBH}_4$



#### Reference:

- 1) H. Watanabe, M. Okue, H. Kobayashi, T. Kitahara, *Tetrahedron Lett.*, **43**, 861 (2002)