

- 1.
- 2.
- 3.
- 4.

1. A. Nakano, S. Kawahara, S. Akamatsu, K. Morokuma, M. Nakatani, Y. Iwabuchi, K. Takahashi, J. Ishihara, S. Hatakeyama: β -Isocupreidine-hexafluoroisopropyl Acrylate Method for Asymmetric Baylis-Hillman Reactions, *Tetrahedron*, **62**, 381-389 (2006). (IF: 2.610)
2. H. Fukumoto, K. Takahashi, J. Ishihara, S. Hatakeyama: Total Synthesis of (+)- β -Erythroidine, *Angew. Chem. Int. Ed.*, **45**, 2731-2734 (2006). (IF: 9.596)
3. Y. Ono, H. Watanabe, I. Taira, K. Takahashi, J. Ishihara, S. Hatakeyama, N. Kubodera: Synthesis of Putative Metabolites of $1\alpha,25$ -Dihydroxy- 2β -(3-hydroxypropoxy)vitamin D₃ (ED-71), *Steroids*, **71**, 529-540 (2006). (IF: 2.416)
4. K. Takahashi, T. Matsumura, G. R. M. Corbin, J. Ishihara, S. Hatakeyama: A Highly Stereocontrolled Total Synthesis of (-)-Neodysiherbaine A, *J. Org. Chem.*, **71**, 4227-4231 (2006). (IF: 3.675)
5. A. Nakano, K. Takahashi, J. Ishihara, S. Hatakeyama: β -Isocupreidine-Catalyzed Baylis-Hillman Reaction of Chiral *N*-Boc-Amino Aldehydes, *Org. Lett.*, **8**, 5357-5360 (2006). (IF: 4.368)
6. Y. Nakajima, K. Ito, M. Sakata, Y. Xu, K. Nakashima, F. Matsubara, S. Hatakeyama, T. Yoshimoto: Unusual Extra Space at the Active Site and High Activity for Acetylated Hydroxyproline of Prolyl Aminopeptidase from *Serratia marcescens*, *J. Bacteriol.*, **188**, 1599-1606 (2006). (IF: 4.167)
7. J. Maeyama, H. Hiyamizu, K. Takahashi, J. Ishihara, S. Hatakeyama, N. Kubodera: Two Convergent Approaches to the Synthesis of $1\alpha,25$ -Dihydroxy- 2β -(3-hydroxypropoxy)vitamin D₃ (ED-71) by the Lythgoe and Trost Coupling Reactions, *Heterocycles*, **70**, 295-307 (2006). (IF: 1.070)
8. S. Hatakeyama, S. Nagashima, N. Imai, K. Takahashi, J. Ishihara, A. Sugita, T. Nihei, H. Saito, F. Takahashi N. Kubodera; Synthesis and evaluation of a 3-position diastereomer of $1\alpha,25$ -dihydroxy- 2β -(3-hydroxypropoxy)vitamin D₃ (ED-71), *Bioorg. Med. Chem.*, **14**, 8050-8056 (2006). (IF: 2.478)

1. S. Hatakeyama: β -Isocupreidine (β -ICD)-Catalyzed Asymmetric Baylis-Hillman Reactions, *J. Synth. Org. Chem. Jpn.*, **64**, 1132-1138 (2006).

1. Baylis-Hillman 2006.
2. 2006.
3. 3
2006.

1. S. Hatakeyama, S. Nagashima, N. Imai, K. Takahashi, J. Ishihara, N. Kodera: Synthesis and Biological Character of 3-epi-1 α ,25-dihydroxy-2 β -(3-hydroxypropoxy)vitamin D₃ (ED-71), 13th Workshop on Vitamin D, p.11, British Columbia, Canada, April (2006).
2. H. Fukumoto, K. Takahashi, J. Ishihara, S. Hatakeyama: Total Synthesis of (+)- β -erythroidine, a Non-aromatic Dienoid-type *Erythrina* Alkaloid, The 11th Korea-Japan Joint Symposium on Drug Design and Development, p.55, Jeju Island, Korea, May (2006).
3. J. Tsurumoto, E. O. Onyango, H. Fukumoto, K. Takahashi, J. Ishihara, S. Hatakeyama: New Approach toward Oxazolomycins: Formal Synthesis of Neooxazolomycin, ICOB-5 & ICNP-25 IUPAC International Conference on Biodiversity and Natural Products, P-177, Kyoto, Japan, July (2006).
4. S. Shibahara, M. Fujino, H. Fukumoto, Y. Tashiro, K. Takahashi, J. Ishihara, S. Hatakeyama: Enantiocontrolled Route to Phoslactomycin B, an Antitumor Phosphate Ester Antibiotics, The Fukuoka Symposium (the Post Symposium for ICOB-5 & ISCNP-25 International Conference), p. 46, Fukuoka, Japan, July (2006).
5. A. Nakano, K. Takahashi, J. Ishihara, S. Hatakeyama: β -Isocupreidine-Catalyzed Baylis-Hillman Reaction of Chiral *N*-Boc- α -Amino Aldehydes, the 10th International Kyoto Conference on New Aspects of Organic Chemistry, p. 149, Kyoto, Japan, November (2006).

1. _____

1. _____ dysiherbaine
126 3 (2006).
2. _____
126 3 (2006).
3. _____ Phospholine
126 3 (2006).
4. _____
126 3 (2006).
5. _____ N-Boc
Baylis-Hillman 126 3 (2006).
6. _____ Kaitocephalin
126 3 (2006).
7. _____ Azadirachtin
126 3 (2006).
8. _____ Diels-Alder
43 7 (2006).
9. _____
18 8 (2006).
10. Evans Otieno Onyango _____
18 _____
8 (2006).
11. _____
12. 48 10 (2006).
13. _____ -
11 (2006).
14. Baylis-Hillman _____
12 (2006).
15. kaitocephalin _____
12 (2006).
16. _____ Dysiherbaine
12 (2006).
17. Kaitocephalin _____
12 (2006).
18. _____ Pinnatoxin A
12 (2006).
19. Mumen Fathi Amer _____ Citrafungin A
12 (2006).

- 1.
- 2.

1. 有機合成化学協会九州山口支部相談役