

Pharmaceutical Chemistry

Research paper list since 2011

- A English paper
- A-a Original article
- A-b Review
- A-c Book
- A-d Others

2011

A-a

1. Yamagata, N., Demizu, Y., Sato, Y., Doi, M., Tanaka, M., Nagasawa, K., Okuda, H., Kurihara, M.: Design of a stabilized short helical peptide and its application to catalytic enantioselective epoxidation of (*E*)-chalcone. *Tetrahedron Lett.*, **52**, 798-801 (2011) (IF: 2.618)
2. Demizu, Y., Doi, M., Kurihara, M., Okuda, H., Nagano, M., Suemune, H., Tanaka, M.: Conformational studies on peptides containing α,α -disubstituted α -amino acids: chiral cyclic α,α -disubstituted α -amino acid as an α -helical inducer. *Org. Biomol. Chem.*, **9**, 3303-3312 (2011) (IF: 3.451)
3. Demizu, Y., Doi, M., Sato, Y., Tanaka, M., Okuda, H., Kurihara, M.: Effect of one D-Leu residue on right-handed helical -L-Leu-Aib- peptides in the crystal state. *J. Pept. Sci.*, **17**, 420-426 (2011) (IF: 1.954)
4. Demizu, Y., Yamagata, N., Nagoya, S., Sato, Y., Doi, M., Tanaka, M., Nagasawa, K., Okuda, H.: Enantioselective epoxidation of α,β -unsaturated ketones catalyzed by stapled helical L-Leu-based peptides. *Tetrahedron*, **67**, 6155-6165 (2011) (IF: 3.011)
5. Demizu, Y., Doi, M., Sato, Y., Tanaka, M., Okuda, H., Kurihara, M.: Screw-sense control of helical oligopeptides containing equal amounts of L- and D-amino acids. *Chem. Eur. J.*, **17**, 11107-11109 (2011) (IF: 5.476)
6. Oba, M., Miyata, K., Osada, K., Christie, R. J., Sanjoh, M., Li, W., Fukushima, S., Ishii, T., Kano, M. R., Nishiyama, N., Koyama, H., Kataoka, K.: Polyplex micelles prepared from ω -cholesteryl PEG-polycation block copolymers for systemic gene delivery. *Biomaterials*, **32**, 652-663 (2011) (IF: 7.883)
7. Vachutinsky, Y., Oba, M., Miyata, K., Hiki, S., Kano, M. R., Nishiyama, N., Koyama, H., Miyazono, K., Kataoka, K.: Antiangiogenic gene therapy of experimental pancreatic tumor by sFlt-1 plasmid DNA carried by RGD-modified crosslinked polyplex micelles. *J. Control. Release*, **149**, 51-57 (2011) (IF: 7.164)
8. Nomoto, T., Matsumoto, Y., Miyata, K., Oba, M., Fukushima, S., Nishiyama, N., Yamasoba, T., Kataoka, K.: In situ quantitative monitoring of polyplexes and polyplex micelles in the blood circulation using intravital real-time confocal laser scanning microscopy. *J. Control. Release*, **151**, 104-109 (2011) (IF: 7.164)
9. Anraku, Y., Kishimura, A., Kobayashi, A., Oba, M., Kataoka, K.: Size-controlled long-circulating PICsome as ruler to measure critical cut-off disposition size into normal and tumor tissues. *Chem. Comm.*, **47**, 6054-6056 (2011) (IF: 5.787)
10. Herlambang, S., Kumagai, M., Nomoto, T., Horie, S., Fukushima, S., Oba, M., Miyazaki, K., Morimoto, Y., Nishiyama, N., Kataoka, K.: Disulfide crosslinked polyion complex micelles encapsulating dendrimer phthalocyanine directed to improved efficiency of photodynamic therapy. *J. Control. Release*, **155**, 449-457 (2011) (IF: 7.164)
11. Konig, F. M., Vachutinsky, Y., Oba, M., Miyata, K., Nishiyama, N., Kataoka, K., Brauchle, C., Ruthardt, N.: Effect of integrin targeting and PEG shielding on polyplex micelle internalization studied by live-cell imaging. *J. Control. Release*, **156**, 364-373 (2011) (IF: 7.164)
12. Uchida, H., Miyata, K., Oba, M., Ishii, T., Suma, T., Itaka, K., Nishiyama, N., Kataoka, K.: Odd-even effect of repeating aminoethylene units in the side chain of N-substituted polyaspartamides on gene transfection profiles. *J. Am. Chem. Soc.*, **133**, 15524-15532 (2011) (IF: 9.023)
13. Kim, H. J., Oba, M., Pittella, F., Nomoto, T., Cabral, H., Matsumoto, Y., Miyata, K., Nishiyama, N., Kataoka, K.: PEG-detachable cationic polyaspartamide derivatives bearing stearyl moieties for systemic siRNA delivery toward subcutaneous BxPC3 pancreatic tumor. *J. Drug Target.*, **20**, 33-42 (2011) (IF: 2.491)
14. Iriyama, A., Usui, T., Yanagi, Y., Amano, S., Oba, M., Miyata, K., Nishiyama, N., Kataoka, K.: Gene transfer using micellar nanovectors inhibits corneal neovascularization in vivo. *Cornea*, **30**, 1423-1427 (2011) (IF: 1.762)
15. Iriyama, A., Oba, M., Ishii, T., Nishiyama, N., Kataoka, K., Tamaki, Y., Yanagi, Y.: Gene transfer using micellar nanovectors inhibits choroidal neovascularization in vivo. *PLoS One*, **6**, e28560 (2011) (IF: 4.411)

A-c

1. Kurihara, M., Demizu, Y., Sato, Y., Yamagata, N., Okuda, H., Nagano, M., Doi, M., Tanaka, M., Suemune, H.: Computational study on conformation of oligopeptides containing α,α -disubstituted amino acids. *Peptide Science 2010*,

135-136 (2011)

2. Yamagata, N., Demizu, Y., Sato, Y., Nagasawa, K., Doi, M., Tanaka, M., Okuda, H., Kurihara, M.: Computational study on helical structure of chiral α,α -disubstituted oligopeptides. *Peptide Science 2010*, 137-138 (2011)
3. Demizu, Y., Doi, M., Sato, Y., Tanaka, M., Okuda, H., Kurihara, M.: Computational study on helical structure of chiral α,α -disubstituted oligopeptides. *Peptide Science 2010*, 140-141 (2011)
4. Tanaka, M., Nagano, M., Doi, M., Kurihara, M., Suemune, H.: Stabilize α -helical peptide-catalyzed asymmetric epoxidation of chalcone derivatives. *Peptide Science 2010*, 213-214 (2011)
5. Kurihara, M., Demizu, Y., Sato, Y., Yamagata, N., Okuda, H., Nagano, M., Doi, M., Tanaka, M., Suemune, H.: Computational Study on Helical Structure of α,α -Disubstituted Oligopeptides Containing Chiral α -Amino Acids. *Peptides 2010 (Proceedings of the Thirty-First European Peptide Symposium)*, 114 (2011)
6. Demizu, Y., Doi, M., Sato, Y., Tanaka, M., Okuda, H., Kurihara, M.: Structural Control of Diastereomeric Leu-Leu-Aib-Leu-Leu-Aib Sequences. *Peptides 2010 (Proceedings of the Thirty-First European Peptide Symposium)*, 580 (2011)
7. Tanaka, M., Nagano, M., Doi, M., Kurihara, M., Suemune, H.: Cyclic Amino Acid-Containing α -Helical Peptide-Catalyzed Enantioselective Epoxidation Reaction. *Peptides 2010 (Proceedings of the Thirty-First European Peptide Symposium)*, 622 (2011)
8. Tanaka, M., Nagano, M., Demizu, Y., Doi, M., Kurihara, M., Suemune, H.: Helical Secondary Structures of Oligopeptides Composed of Chiral Five-membered Ring Amino Acids. *Peptides: Building Bridges, (Proceedings of the 22nd American Peptide Symposium)*, 124-125 (2011)
9. Kurihara, M., Demizu, Y., Yamagata, N., Sato, Y., Takeuchi, Y., Doi, M., Tanaka, M., Okuda, H.: Design of a Stabilized Short Helical Peptide and Its Application. *Peptides: Building Bridges, (Proceedings of the 22nd American Peptide Symposium)*, 126-127 (2011)