

Laboratory of Natural Products Chemistry

A. Original Papers

- 1) M. Sasaki, M. Ishikawa, H. Fuwa, and K. Tachibana: "A general method for the convergent synthesis of fused polycyclic ethers via *B*-alkyl Suzuki coupling. Synthesis of the ABCD ring fragment of ciguatoxins", *Tetrahedron*, **58**, 1889-1911 (2002).
- 2) M. Sasaki, C. Tsukano, and K. Tachibana: "Studies toward the total synthesis of gymnocin-A, a cytotoxic polyether: a highly convergent entry to the F-N ring fragment", *Org. Lett.*, **4**, 1747-1750 (2002).
- 3) M. Sasaki, T. Noguchi, and K. Tachibana: "Intramolecular radical cyclization-ring-closing metathesis approach to fused polycyclic ethers. Convergent synthesis and conformational analysis of the (E)FGH ring system of ciguatoxin", *J. Org. Chem.*, **67**, 3301-3310 (2002).
- 4) H. Takakura, M. Sasaki, S. Honda, and K. Tachibana: "Progress toward the total synthesis of ciguatoxins: a convergent synthesis of the FGHIJKLM ring fragment", *Org. Lett.*, **4**, 2771-2774 (2002).
- 5) H. Fuwa, M. Sasaki, M. Satake, and K. Tachibana: "Total synthesis of gambierol", *Org. Lett.*, **4**, 2981-2984 (2002).
- 6) H. Fuwa, N. Kainuma, K. Tachibana, and M. Sasaki: "Total synthesis of (-)-gambierol" *J. Am. Chem. Soc.*, **124**, 14983-14992 (2002).
- 7) Y. Hayashi, M. Kitahara, T. Yamagaki, K. Kojima, and I. Matsumoto: "A potential endogenous ligand of annexin IV in the exocrine pancreas. Carbohydrate structure of GP-2, a glycosylphosphatidylinositol-anchored glycoprotein", *J. Biol. Chem.*, **277**, 47493-47499 (2002).
- 8) Y. Yamagaki and H. Nakanishi: "Negative-mode matrix-assisted laser desorption/ionization mass spectrometry of maltoheptaose and cyclomaltooligosaccharides", *J. Mass Spectrom. Soc. Jpn.*, **50**, 204-207 (2002).