

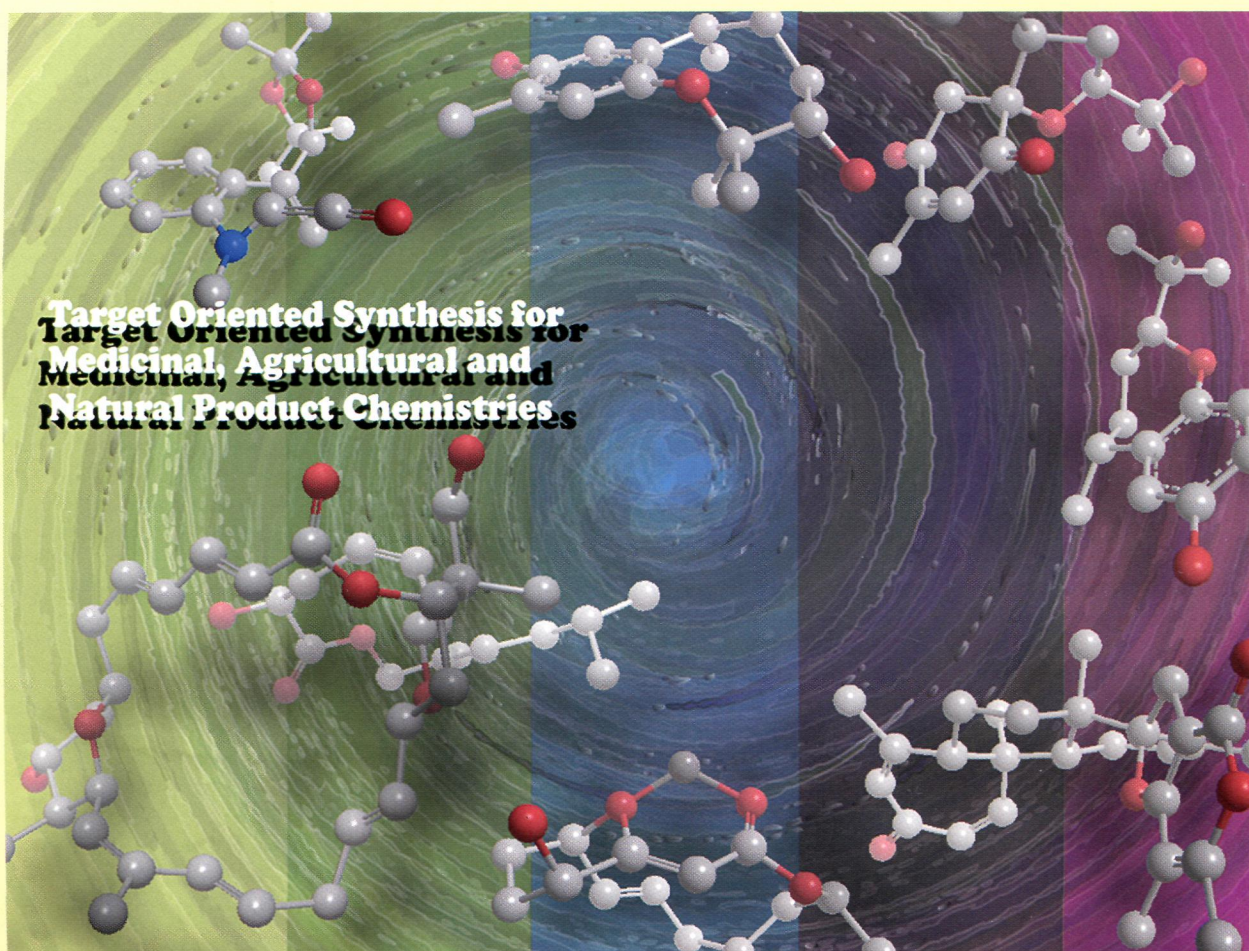
TW
C-51/2pb

Chemical and Pharmaceutical Bulletin

August 2013

Vol. 61 No. 8

CPBTAL 61 (8) 781-888 (2013)



Stereocontrolled Total Synthesis of Natural Products with
Characteristic Molecular Structures and Biological Activities

pp. 781-798



THE PHARMACEUTICAL SOCIETY OF JAPAN

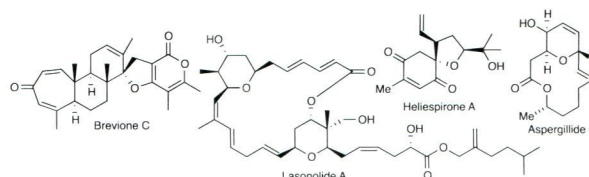
<http://cpb.pharm.or.jp>

Contents

Review

Stereocontrolled Total Synthesis of Natural Products with Characteristic Molecular Structures and Biological Activities

K. Shishido

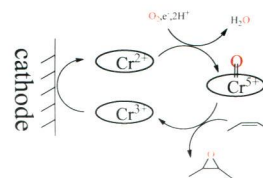


pp. 781–798

Regular Articles

The Epoxidation of the Olefins by *meso*-Tetra-phenylporphyrinatochromium(3+) Chloride as an Electrochemical P-450 Model Compound

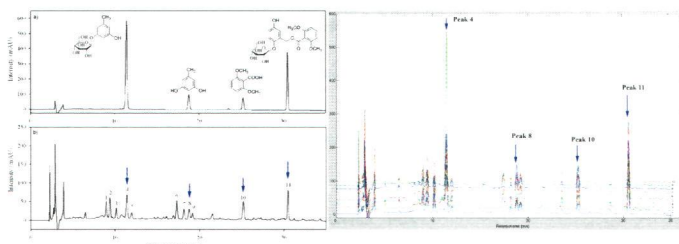
T. Michida and T. Omichi



pp. 799–801

Fingerprint Analysis and Simultaneous Determination of Phenolic Compounds in Extracts of Curculiginis Rhizoma by HPLC-Diode Array Detector

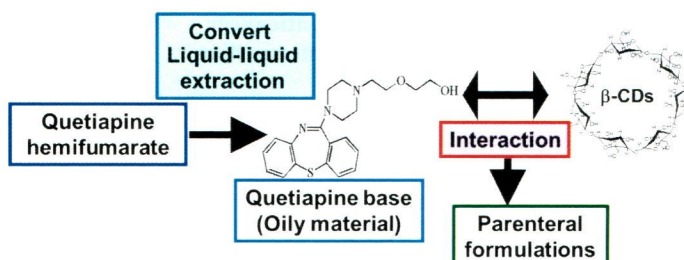
Q. Bian, H. Yang, C. Chan, D. Jin, D. K.-W. Mok, and S. Chen



pp. 802–808

Quetiapine Free Base Complexed with Cyclodextrins to Improve Solubility for Parenteral Use

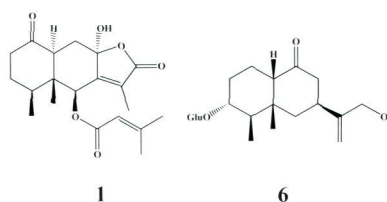
N. Ogawa, M. Kaga, T. Endo, H. Nagase, T. Furuishi, H. Yamamoto, Y. Kawashima, and H. Ueda



pp. 809–815

Culcitiolides E–J, Six New Eremophilane-Type Sesquiterpene Derivatives from *Senecio culcitioides*

T. Mitsui, K. Hayashi, M. Kawai, M. Kido, H. Tani,
D. Takaoka, N. Matsuura, and H. Nozaki



pp. 816–822

Synthesis and Biological Evaluation of Symmetrical 2,4,6-Trisubstituted 1,3,5-Triazine Derivatives

N. Mibu, K. Yokomizo, S. Takemura, N. Ueki, S. Itoharu,
J. Zhou, T. Miyata, and K. Sumoto



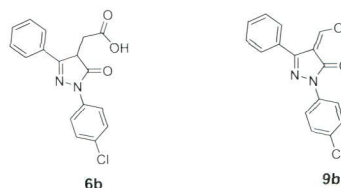
Among the tested trisubstituted symmetrical 1,3,5-triazine (TAZ) derivatives, various C_3 - or C_2 -symmetrical alkoxy-amino-substituted TAZ derivatives showed significant antiviral activity against herpes simplex virus type 1 (HSV-1) and/or cytotoxic activity against Vero cells.

pp. 823–833

Pyrazolone Derivatives: Synthesis, Anti-inflammatory, Analgesic, Quantitative Structure–Activity Relationship and *in Vitro* Studies

F. A.-F. Ragab, N. M. Abdel-Gawad, H. H. Georgey, and
M. F. Said

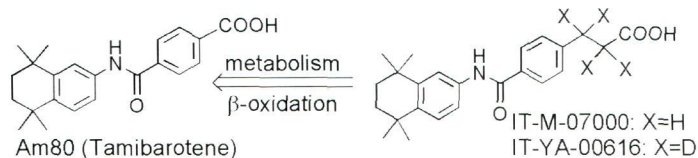
The manuscript deals with synthesis of some pyrazolones derivatives. Anti-inflammatory, analgesic activities and ulcerogenic effect were evaluated. COX-1/COX-2 isozyme selectivity and 2D-QSAR studies were also evaluated.



pp. 834–845

Synthesis of Am80 (Tamibarotene) Prodrug Candidates, Congeners and Metabolites

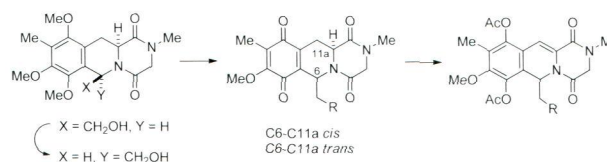
H. Muratake, Y. Amano, T. Toda, K. Sugiyama, and
K. Shudo



pp. 846–852

Preparation of Tricyclic Lactam Model Compounds of Renieramycin and Saframycin Anticancer Natural Products from Common Intermediate

K. Nakai, M. Yokoya, and N. Saito

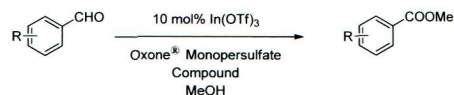


pp. 853–869

Notes

The Effect of Indium(III) Triflate in Oxone-Mediated Oxidative Methyl Esterification of Aldehydes

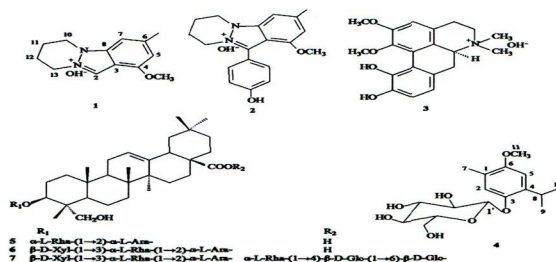
T. Mineno, M. Sakai, A. Ubukata, K. Nakahara, H. Yoshimitsu, and H. Kansui



pp. 870–872

Study on Antitubercular Constituents from the Seeds of *Nigella glandulifera*

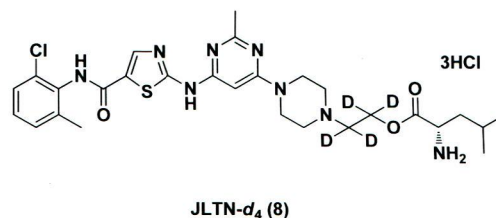
L. Sun, M. Luan, W. Zhu, S. Gao, Q. Zhang, C. Xu, X. Lu, X. Xu, J. Tian, and L. Zhang



pp. 873–876

Synthesis and Biopharmaceutical Studies of JLTN as Potential Dasatinib Prodrug

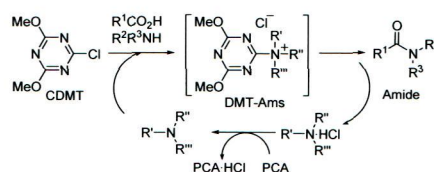
F. Liu, L.-W. Lang, J. Jiang, H.-J. Lu, J.-M. Wang, and S.-C. Wang



pp. 877–881

Study of 1,3,5-Triazine-Based Catalytic Amide-Forming Reactions: Effect of Solvents and Basicity of Reactants

M. Kunishima, M. Kitamura, H. Tanaka, I. Nakakura, T. Moriya, and K. Hioki



pp. 882–886

Errata 887