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Originals in English

Organic Chemistry

[T1] Efficient Preparation of Medium Ring Oxygen Heterocycles

Atsuko Nishiguchi, Tomomi Ikemoto, Tatsuya Ito, Shotaro Miura and Kiminori Tomimatsu

Heterocycles, **71**(2): 445-452, 2007

西口敦子, 池本朋己, 伊藤達也, 三浦正太郎, 富松公典

[T2] Preparation of a 1-Unsubstituted-2,3-Dihydro-1-benzazepine Derivative

Atsuko Nishiguchi, Tomomi Ikemoto, Tatsuya Ito, Shotaro Miura and Kiminori Tomimatsu

Heterocycles, **71**(5): 1183-1192, 2007

西口敦子, 池本朋己, 伊藤達也, 三浦正太郎, 富松公典

[T3] A Concise Synthesis of Racemic 1-(6,7-Dimethoxy-2-naphthyl)-1- (1*H*-imidazol-4-yl)-2-methylpropan-1-ol for a Potent C_{17,20}-Lyase Inhibitor

Jun-ichi Kawakami, Kazuhiro Kimura and Masayoshi Yamaoka

Organic process research & development, **11**(2): 206-209, 2007

川上淳一, 木村和広, 山岡正義

[T4] A NEW PRACTICAL ONE-POT CONVERSION OF PHENOLS TO ANILINES: 6-AMINO-3,4-DIHYDRO-1(2*H*)-NAPHTHALENONE [1(2*H*)-Naphthalenone, 6-amino-3,4-dihydro]

Masahiro Mizuno and Mitsuhisa Yamano

Organic Syntheses, **84**: 325-333, 2007

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[T5] Convenient synthesis of antiseptics agent TAK-242 by novel optical resolution through diastereomeric N-acylated sulfonamide derivative

Atsuko Nishiguchi, Tomomi Ikemoto and Kiminori Tomimatsu

Tetrahedron, **63**(19): 4048-4051, 2007

西口敦子, 池本朋己, 富松公典

Medicinal Chemistry

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Hideyuki Sugiyama, Masato Yoshida, Kouji Mori, Tomohiro Kawamoto, Satoshi Sogabe,

Terufumi Takagi, Hideyuki Oki, Toshimasa Tanaka, Hiroyuki Kimura and Yoshinori Ikeura

Chemical & Pharmaceutical Bulletin, **55**(4): 613-624, 2007

杉山英之, 吉田雅都, 森 孝司, 河本朋広, 曾我部 智, 高木輝文, 沖 英幸, 田中稔祐, 木村宏之, 池浦義典

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Yumi N. Imai, Yoshihisa Inoue and Yoshio Yamamoto

Journal of Medicinal Chemistry, **50**(6): 1189-1196, 2007

今井友美, 井上佳久, 山本善雄

[T8] Discovery of Alogliptin: A Potent, Selective, Bioavailable, and Efficacious Inhibitor of Dipeptidyl Peptidase IV

Jun Feng^a, Zhiyuan Zhang^a, Michael B. Wallace^a, Jeffrey A. Stafford^a, Stephen W. Kaldor^a, Daniel B. Kassel^a, Marc Navre^a, Lihong Shi^a, Robert J. Skene^a, Tomoko Asakawa, Koji Takeuchi, Rongda Xu^a, David R. Webb^a and Stephen L. Gwaltney, II^a

Journal of Medicinal Chemistry, **50**(10): 2297-2300, 2007

浅川智子, 武内浩二

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Microbiology

[T9] Isolation and Characterization of Human Immunodeficiency Virus Type 1 Resistant to the Small-Molecule CCR5 Antagonist TAK-652

Masanori Baba^a, Hiroshi Miyake, Xin Wang^a, Mika Okamoto^a and Katsunori Takashima

Antimicrobial Agents and Chemotherapy, **51**(2): 707-715, 2007

馬場昌範^a, 三宅 洋, 王 欣^a, 岡本実佳^a, 高島勝典

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Pharmacology

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Ryo Hatazawa^a, Akiko Tanaka^a, Mayu Tanigami^a, Kikuko Amagase^a, Shinichi Kato^a, Yasuko Ashida and Koji Takeuchi^a

American Journal of Physiology - Gastrointestinal and Liver Physiology, **293**(4): G788-G797, 2007

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^a Kyoto Pharmaceutical University

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European journal of pharmacology, **571**(2-3): 231-239, 2007

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Toxicology and applied pharmacology, **223**(1): 39-45, 2007

西本誠之, 石川英一郎, 穴山久志, 浜條ひとみ, 永井博文, 平形昌夫, 兎澤隆一

Basic Biology and Physiology

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American journal of physiology. Renal physiology, **293**: F920-F926, 2007

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Endocrinology, **148**(5): 2226-2232, 2007

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Journal of Biological Chemistry, **282**(13): 9895-9901, 2007

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Masahiro Nakajima^a, Hideki Kizawa, Masao Saitoh^b, Ikuyo Kou^a,

Kohei Miyazono^b and Shiro Ikegawa^a

Journal of Biological Chemistry, **282**(44): 32185-32192, 2007

中島正宏^a, 木澤秀樹, 斉藤正夫^b, 黄 郁代^a, 宮園浩平^b, 池川志郎^a,

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Journal of Reproduction and Development, **53**(2): 367-378, 2007

足立幸香^a, 山田俊二^b, 高津義広, 松井久典, 木下美香^b, 高瀬健志^b, 杉浦 瞳^b, 大瀧徹也, 松本寛和, 上野山賀久^b, 束村博子^b, 井上金治^a, 前多敬一郎^b

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^b Graduate School of Bioagricultural Sciences, Nagoya University

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Hiroyuki Ohta, Yasuko Terao, Yasushi Shintani and Yoshihiro Kiyota

Neuroscience Research, **57**(3): 424-433, 2007

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Pharmaceutics

[T19] Pharmacokinetic and Pharmacodynamic Evaluations of Novel Oral Morphine Sustained Release Granules

Kenji Nakamura, Eiji Nara, Takako Fuse and Yohko Akiyama

Biological & Pharmaceutical Bulletin, **30**(8): 1456-1460, 2007

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[T20] Stability of cyanocobalamin in sugar-coated tablets

Shinji Ohmori, Masumi Kataoka and Hiroyoshi Koyama

International Journal of Pharmaceutics, **337**(1-2): 161-168, 2007

大森真治, 片岡眞澄, 小山博義

Pharmacokinetics and Drug Metabolism

[T21] Asymmetric Intestinal First-Pass Metabolism Causes Minimal Oral Bioavailability of Midazolam in Cynomolgus Monkey

Tomohiro Nishimura^a, Nobuyuki Amano, Yoshiyuki Kubo^a, Midori Ono, Yukio Kato^a, Hisashi Fujita, Yoshiaki Kimura and Akira Tsuji^a

Drug metabolism and disposition, **35**(8): 1275-1284, 2007

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Journal of pharmaceutical sciences, **96**(6): 1609-1618, 2007

鈴山直人^a, 加藤美紀^a, 竹内敏之, 吉富純枝, 樋口智明, 朝日 知, 横井 毅^a

^a Graduate School of Medical Science, Kanazawa University

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Pulmonary Pharmacology & Therapeutics, **20**(5): 596-605, 2007

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Lauren R.H. Krumpke^a and Toshiyuki Mori

Expert Opinion on Drug Discovery, **2**(4): 525-537, 2007

森 俊介

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Originals in Japanese

Organic Chemistry

[T25] 医薬品のプロセス研究における結晶多形現象への取り組み

山野光久

有機合成化学協会誌, **65**(9): 907-913, 2007

Approach to Crystal Polymorph in Process Research of New Drug

Mitsuhisa Yamano

Journal of Synthetic Organic Chemistry, Japan, **65**(9): 907-913, 2007

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[T26] 藻類由来レクチンの医薬への展開—

HIV 感染阻害機構および予防薬への応用

奥 直也^a, 森 俊介

化学と生物, **45**(5): 312-319, 2007

Preventing AIDS with Algal Lectins –

Their Mode of Action and Development as HIV Prophylaxes

Naoya Oku^a, Toshiyuki Mori

Kagaku to Seibutsu, **45**(5): 312-319, 2007

^a サッポロビール株式会社

Medicinal Chemistry

[T27] 選択的 SSTR2 アゴニスト活性を有する新規テトラヒドロキノリン誘導体の合成

阿部秀範

MEDCHEM NEWS, **17**(3): 18-22, 2007

Synthesis of a New Class of Tetrahydroquinoline Derivatives as Potent and

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Hidenori Abe

MEDCHEM NEWS, **17**(3): 18-22, 2007

[T28] 新規 TLR4 シグナル阻害薬 TAK-242 とセプシス

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MEDCHEM NEWS, **17**(3): 23-27, 2007

TAK-242, a novel inhibitor of TLR4 signal transduction as an anti-sepsis agent

Tomoyuki Kitazaki

MEDCHEM NEWS, **17**(3): 23-27, 2007

Biochemistry and Biotechnology

[T29] ニューロペプチド W およびニューロペプチド B の発見

森 正明

日本薬理学雑誌, **130**(1): 23-28, 2007

Discovery of neuropeptide W and neuropeptide B

Masaaki Mori

Folia Pharmacologica Japonica, **130**(1): 23-28, 2007

Pharmacokinetics and Drug Metabolism

[T30] 創薬初期段階における *in vivo* 薬物動態評価

- カセット・ドージング評価法 -

藤田 央

日本薬物動態学会誌, **22**(2): 16-21, 2007

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- cassette dosing -**

Hisashi Fujita

Drug Metabolism and Pharmacokinetics, **22**(2): 16-21, 2007

[T31] 経口吸収性の指標となる溶解度の測定方法

山崎誠司

日本薬物動態学会誌, **22**(3): 22-23, 2007

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Seiji Yamasaki

Drug Metabolism and Pharmacokinetics, **22**(3): 22-23, 2007

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[T32] がん原性試験

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日本薬理学会誌, **130**(2): 157-162, 2007

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Folia Pharmacologica Japonica, **130**(2): 157-162, 2007

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山本恵司

日本薬理学会誌, **130**(4): 299-303, 2007

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Keiji Yamamoto

Folia Pharmacologica Japonica, **130**(4): 299-303, 2007

Clinical Research

[T34] 不眠症治療薬開発の最前線

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日本薬理学会誌, **129**(1): 35-41, 2007

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Akira Terao and Masaomi Miyamoto

Folia Pharmacologica Japonica, **129**(1): 35-41, 2007

Information Science

[T35] PubChem の有用性

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石田 修^a, 中島尚志^b, 中村規子^c, 本田直樹^d, 羽田幸代^e, 西野順子^c, 中尾泰美^c, 寺浦一正, 齊藤 郁^f, 鄭 兆雄^g, 市岡剛宏^h

薬学図書館, **52**(2): 140-145, 2007

Utility of PubChem(1)

Introduction, possibility as search tool about toxicological information and unique structure

Osamu Ishida^a, Takashi Nakajima^b, Noriko Nakamura^c, Naoki Honda^d, Sachiyo Hada^e, Junko Nishino^c, Hiromi Nakao^c, Kazumasa Teraura, Iku Saito^f, Tei Choyu^g and Takahiro Ichioka^h
Pharmaceutical Library Bulletin, **52**(2): 140-145, 2007

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Supplement

Originals in English(2006)

Clinical Research

[T36] Differential gene expression between flat adenoma and normal mucosa in the colon in a microarray analysis

Hiroto Kita^a, Yuichi Hikichi, Kouki Hikami, Koichi Tsuneyama^b, Zheng-Guo Cui^{b, c},
Hiroyuki Osawa^a, Hirohide Ohnishi^a, Hiroyuki Mutoh^a, Hiroko Hoshino^a, Christopher L. Bowlus^d,
Hironori Yamamoto^a and Kentaro Sugano^a

Journal of gastroenterology, **41**(11): 1053-1063, 2006

喜多宏人^a, 引地裕一, 氷上光輝, 常山幸一^b, 大澤博之^a, 大西洋英^a, 武藤弘行^a, 星野ひろこ^a,
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