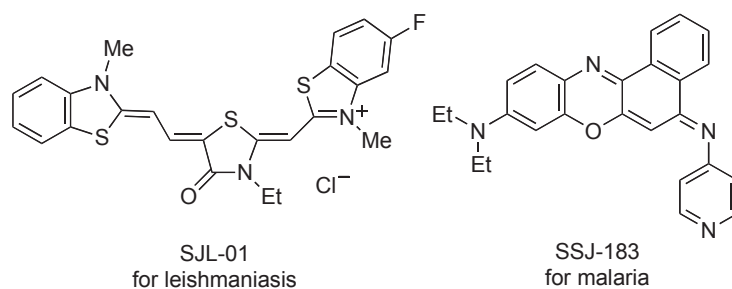


REVIEW

1727 Discovery of New Anti-Protozoan Agents Having Novel Mode of Action

Masataka Ihara*

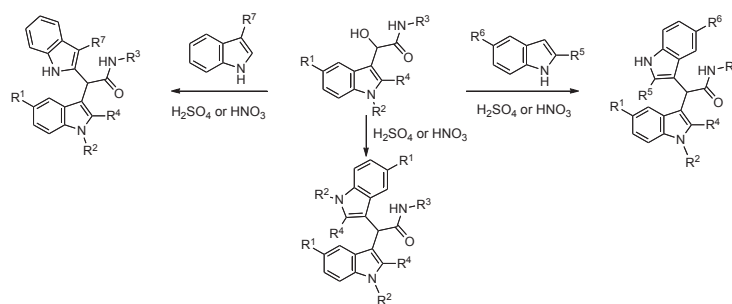


Rhodacyanine Benzo[*a*]phenoxazine Malaria Leishmaniasis Trypanosomiasis

PAPERS

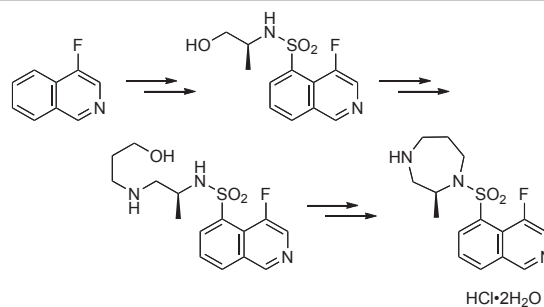
1757 A Facile Synthesis of Symmetrical and Unsymmetrical Bis(indolyl)acetamides Mediated by Protic Acid

Hai Shang, Fei-Yue Hao, Li Pan, Hong Chen,* and Mao-Sheng Cheng*



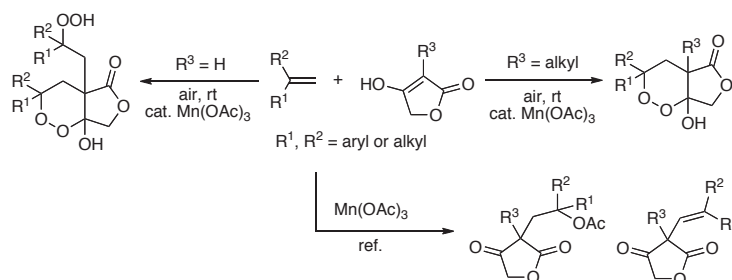
1771 A Practical Synthesis of Novel Rho-Kinase Inhibitor, (S)-4-Fluoro-5-(2-methyl-1,4-diazepan-1-ylsulfonyl)-isoquinoline

Noriaki Gomi, Tadaaki Ohgiya, Kimiyuki Shibuya,* Jyunji Katsuyama, Masayuki Masumoto, and Hitoshi Sakai

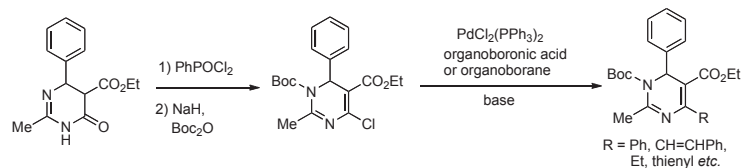


1783 Synthesis of Peroxylactones Using Mn(III)-Catalyzed Aerobic Oxidation

Md. Aminul Haque and Hiroshi Nishino*

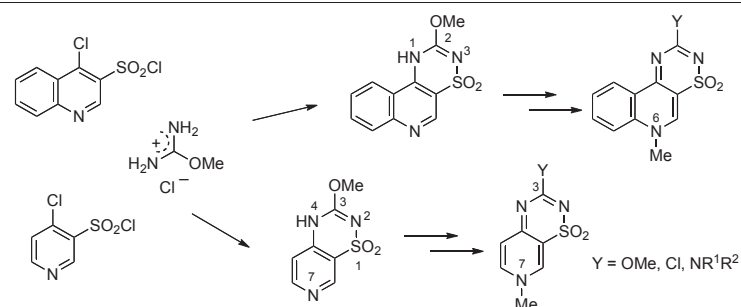


1807 Synthesis and Substitution Reactions of 4(6)-Chlorodihydropyrimidines

 Hidetsura Cho,* Yoshizumi Yasui, Satoshi Kobayashi,
 Eunsang Kwon, Mieko Arisawa, and Masahiko Yamaguchi


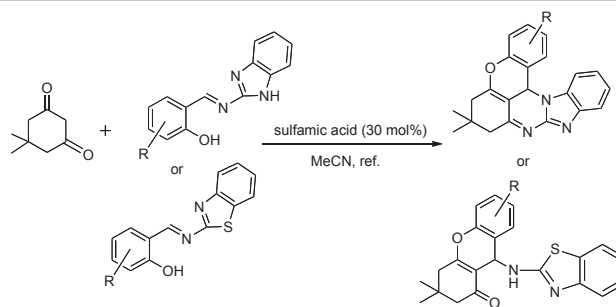
Phenylphosphonic Dichloride Suzuki-Miyaura Cross-Coupling Reaction Organoboronic Acid Bis(triphenylphosphine)palladium(II) Dichloride

1819 Pyrido- and Quino-1,2,4-thiadiazine *S,S*-Dioxides from Reactions of 4-Chloro-3-pyridinesulfonyl- and 4-Chloro-3-quinolinesulfonyl Chlorides with *O*-Methylisourea

 Elwira Chrobak, Michał Wlekiński, Andrzej Maślankiewicz,*
 Joachim Kusz, Maciej Zubko, and Ewa Michalik


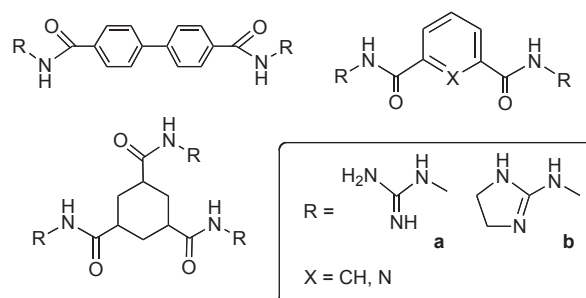
Quinoline and Pyridine 1,2,4-Thiadiazine Sulfonylisourea Chloro-Demethoxylation Amino-Dechlorination

SHORT PAPERS
1831 Synthesis of Novel Tetrahydro[4,5]imidazo[2,1-*b*]-chromeno[4,3,2-*de*]quinazoline and Benzothiazol-2-ylaminoxanthenone Derivatives

 Mina Saeedi,* Yahya S. Beheshtiha, Majid M. Heravi,* and
 Hossein A. Oskooie


Tetrahydroquinazoline Xanthenone Heterocycle Sulfamic Acid Schiff Base

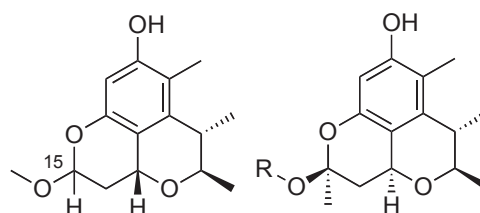
1843 Synthesis of the Identical Linker Mode Twin-Drug Type C2-Symmetrical Molecules

 Fumiko Fujisaki, Haruka Usami, Saya Nakashima,
 Shiomi Iwashita, Yurie Kurose, Nobuhiro Kashige,
 Fumio Miake, and Kunihiro Sumoto*


Aminoguanidine Biphenyl Triazole Cyclohexane Pyridine

1853 Penicitrinols F—I, New Citrinin Derivatives from the Marine-Derived Fungus *Penicillium citrinum*

Li Chen,* Wei Liu, Kai Huang, Xiao Hu, Zhe-Xiang Fang, Jiu-Lin Wu, and Qi-Qing Zhang*

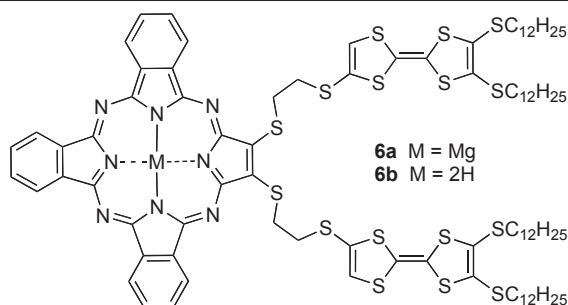


1: 15 β -H
2: 15 α -H
3: R = Me
4: R = H

Marine-Derived Fungus *Penicillium citrinum* Penicitrinol Citrinin Derivative Cytotoxicity

1859 The Norphthalocyanines Bearing Two TTF Units: Synthesis, Photophysical and Electrochemical Properties

Ruibin Hou, Cuiqing Jiang, Tie Chen, Long-Yi Jin, and Bingzhu Yin*

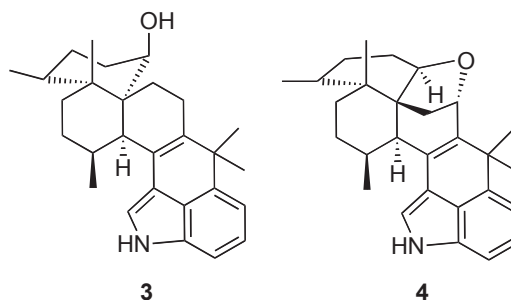


6a M = Mg
6b M = 2H

Magnesium Norphthalocyanine Metal-Free Norphthalocyanine Tetrathiafulvalene Phthalonitrile Dithiomaleonitrile

1867 Two New Eujindoles from *Eupenicillium javanicum*

Shou Nakadate, Koohei Nozawa,* and Takashi Yaguchi

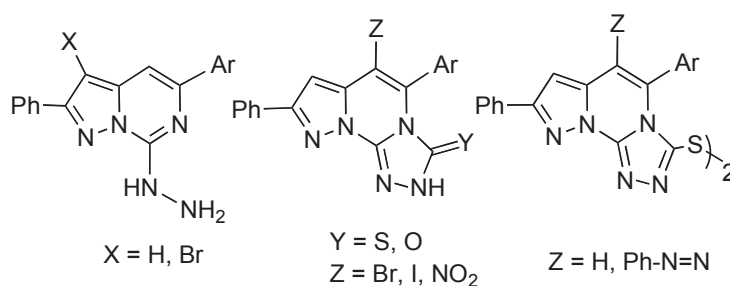


3 **4**

Eujindole *Eupenicillium javanicum* Indole Diterpene Aflavinine

1873 Annulation and Evaluation of Antibacterial Activity of the New Fused Tricyclic (5,5,6) Ring System of Pyrazolo[1,5-*c*]-1,2,4-triazolo[4,3-*a*]pyrimidines

Kamal F. M. Atta,* Mohamed G. Marei, Somia M. Abd El-Magjad, and Faten H. A. El-Nashar



X = H, Br

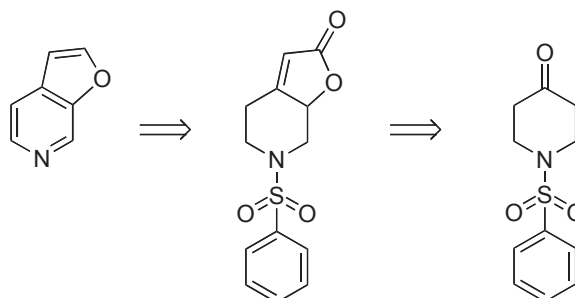
Y = S, O
Z = Br, I, NO₂

Z = H, Ph-N=N

Hydrazinopyrazolopyrimidine Pyrazolo[1,5-*c*]-1,2,4-triazolo[4,3-*a*]pyrimidinethione Antibacterial Activity and Microorganism

1889 Synthesis of Furo[2,3-*c*]pyridine

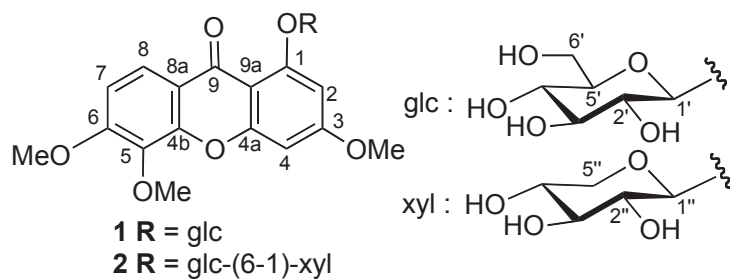
Meng-Yang Chang* and Hang-Yi Tai



Furo[2,3-*c*]pyridine *N*-Benzenesulfonylpiperidin-4-one Wittig Olefination Deconjugation Hydroxylated Piperidine

1897 **Two New Xanthone Glucosides from *Swertia mussotii* Franch**

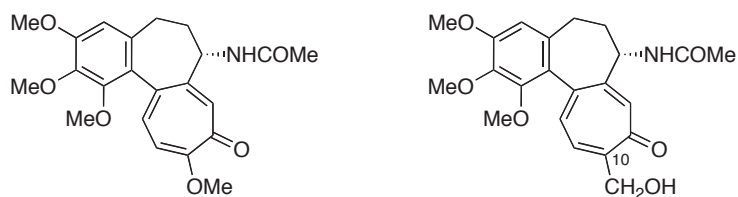
Lu Gao, Yongfu Zhou, Haiying Yan, Feiyan Huang, Rongrong Wen, and Ganpeng Li*



Swertia mussotii Franch Xanthone Glucoside α -Glucosidase Inhibitory Activity DPP-IV Inhibitory Activity

1903 **Metacolchicine, a New Colchicinoid from *Sandersonia aurantiaca***

Mariko Kitajima, Akiko Tanaka, Noriyuki Kogure, and Hiromitsu Takayama*



colchicine 1

metacolchicine 2

Colchicine Alkaloid *Sandersonia* Liliaceae Structure Elucidation

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1909 Polyketides
- 1911 Aromatics
- 1918 Terpenes
- 1928 Steroids
- 1929 Alkaloids
- 1936 Miscellaneous

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1939 Polyketides
 - 1942 Aromatics
 - 1945 Terpenes
 - 1947 Alkaloids
 - 1952 Miscellaneous
-

Contributors To This Issue

- 1807 Arisawa, Mieko
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 1831 Beheshtiha, Yahya S.
 1889 Chang, Meng-Yang
 1757 Chen, Hong
 1853 Chen, Li
 1859 Chen, Tie
 1757 Cheng, Mao-Sheng
 1807 Cho, Hidetsura
 1819 Chrobak, Elwira
 1873 El-Magiad, Somia M. Abd
 1873 El-Nashar, Faten H. A.
 1853 Fang, Zhe-Xiang
 1843 Fujisaki, Fumiko
 1897 Gao, Lu
 1771 Gomi, Noriaki
 1757 Hao, Fei-Yue
 1783 Haque, Md. Aminul
 1831 Heravi, Majid M.
 1859 Hou, Ruibin
 1853 Hu, Xiao
 1897 Huang, Feiyan
 1853 Huang, Kai
 1727 Ihara, Masataka
 1843 Iwashita, Shiomi
 1859 Jiang, Cuiping
 1859 Jin, Long-Yi
 1843 Kashige, Nobuhiro
 1771 Katsuyama, Junji
 1903 Kitajima, Mariko
 1807 Kobayashi, Satoshi
 1903 Kogure, Noriyuki
 1843 Kurose, Yurie
 1819 Kusz, Joachim
 1807 Kwon, Eunsang
 1897 Li, Ganpeng
 1853 Liu, Wei
 1873 Marei, Mohamed G.
 1819 Maślankiewicz, Andrzej
 1771 Masumoto, Masayuki
 1843 Miake, Fumio
 1819 Michalik, Ewa
 1867 Nakadate, Shou
 1843 Nakashima, Saya
 1783 Nishino, Hiroshi
 1867 Nozawa, Koohei
 1771 Ohgiya, Tadaaki
 1831 Oskooie, Hossein A.
 1757 Pan, Li
 1831 Saeedi, Mina
 1771 Sakai, Hitoshi
 1757 Shang, Hai
 1771 Shibuya, Kimiyuki
 1843 Sumoto, Kunihiro
 1889 Tai, Hang-Yi
 1903 Takayama, Hiromitsu
 1903 Tanaka, Akiko
 1843 Usami, Haruka
 1897 Wen, Rongrong
 1819 Wlekliński, Michał
 1853 Wu, Jiu-Lin
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 1807 Yamaguchi, Masahiko
 1897 Yan, Haiying
 1807 Yasui, Yoshizumi
 1859 Yin, Bingzhu
 1853 Zhang, Qi-Qing
 1897 Zhou, Yongfu
 1819 Zubko, Maciej