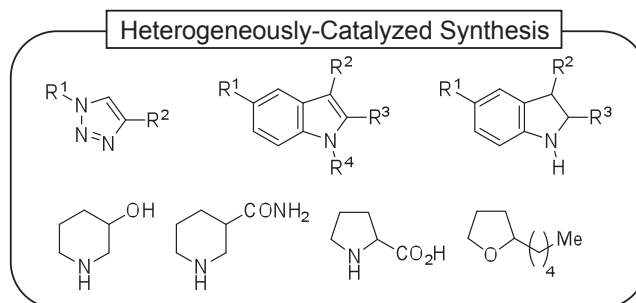


■ REVIEW

 239 **Synthesis of Triazole, Indole, and Five or Six-Membered Saturated Heterocyclic Compounds**

Yasunari Monguchi,* Yoshinari Sawama, and Hironao Sajiki*

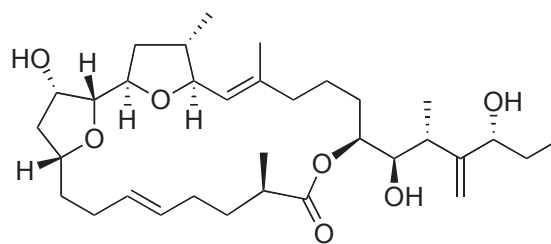


Heterogeneous Catalyst 1,2,3-Triazole Indole Indoline Saturated Heterocyclic Compound

■ PAPERS

 265 **Iriomoteolide-2a, a Cytotoxic 23-Membered Macrolide from Marine Benthic Dinoflagellate *Amphidinium* Species**

Keiko Kumagai, Masashi Tsuda,* Atsunori Masuda, Eri Fukushi, and Jun Kawabata

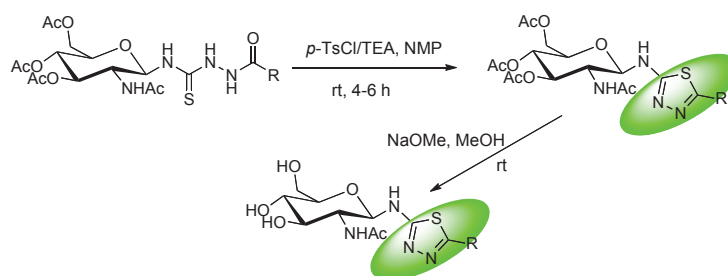


iriomoteolide-2a

 Macrolide Cytotoxic Activity Marine Dinoflagellate *Amphidinium*

 275 **Synthesis, Characterization, and Biological Evaluation of Some Novel Glycosyl 1,3,4-Thiadiazole Derivatives as Acetylcholinesterase Inhibitors**

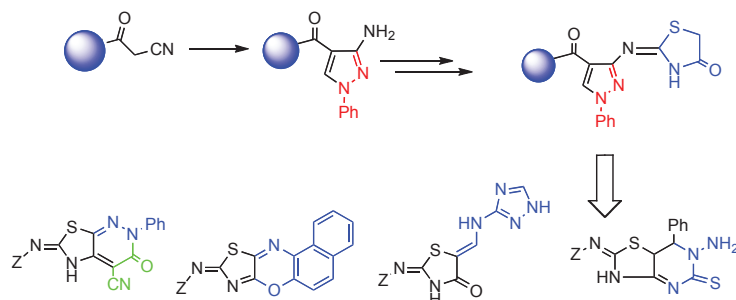
Wei-wei Liu,* Qu-xiang Li, Da-hua Shi, Zhi-ling Cao, Feng-chang Cheng, Chuan-zhou Tao, Long Yin, and Xuan Wang



D-Glucosamine 1,3,4-Thiadiazole Acetylcholinesterase Inhibitor

 287 **Synthesis of Some New Isoindoline-1,3-dione Based Heterocycles**

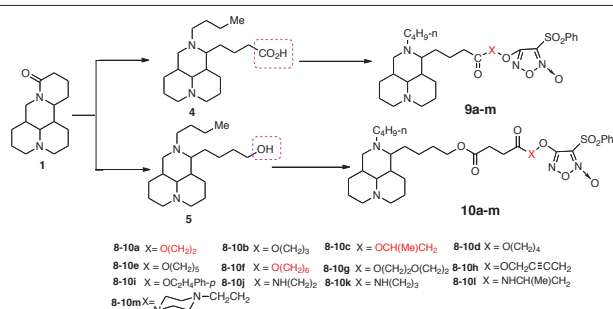
Islam H. El Azab* and Mohamed R. E. Aly



Enaminonitrile 1,3-Dioxoisindoline 4-Thiazolidinone Pyrazole Thiazole

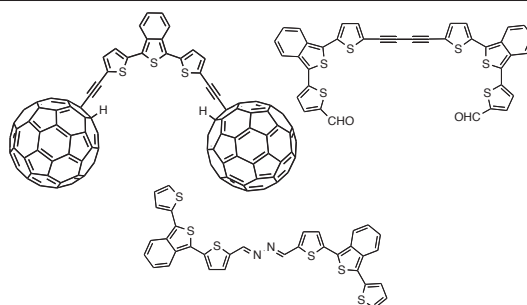
301 Design, Synthesis and Evaluation of Nitric Oxide-Releasing Derivatives of *N*-(*n*-Butyl)matricin Acid And *N*-(*n*-Butyl)matrinol as Anti-Hepatocellular Carcinoma Agents

Ya-Xian Wu, Jun-Kai Huang, Lei-Lei Gao, Li-Qin He,* Peng Huang,* and Xiao-Shan Wang


 Matrine *N*-*n*-Butylmatricin Acid *N*-*n*-Butylmatrinol Furoxan Anti-Hepatocarcinoma Activity

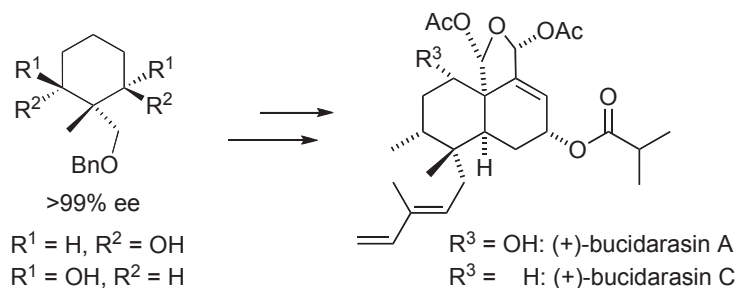
313 Synthesis and Photophysical Properties of Some Dithienylbenzo[*c*]thiophene Derivatives

Maurizio D'Auria,* Ambra Guarnaccio, Rocco Racioppi, Antonio Santagata, and Roberto Teghil


 Thiophene Benzo[*c*]thiophene Oligothiophene Synthesis Photophysical Property

332 Enantioselective Total Synthesis of (+)-Bucidasirins A and C

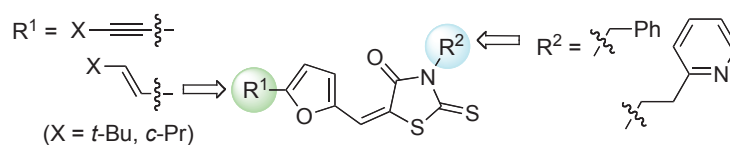
Kenji Usui and Masahisa Nakada*



Clerodane Diterpene Diels-Alder Reaction Enantioselective Synthesis Natural Product Total Synthesis

SHORT PAPERS
351 Design, Synthesis, and Biological Activity Evaluation of Thiazolidinones Containing Alkynyl and Alkenyl Furans for Disrupting Protein–Protein Interactions between HIF-1 α and p300

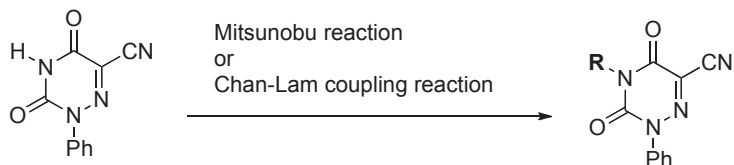
Norihiko Takeda, Tomoyo Taguchi, Takeshi Nakajima,* and Mitsuyoshi Azuma



Hypoxia-inducible Factor Inhibitor Thiazolidinone

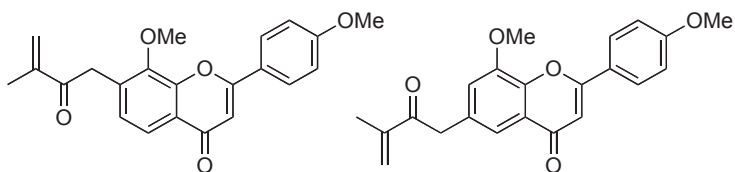
363 Modification of 3,5-Dioxo-2-phenyl-2,3,4,5-tetrahydro-1,2,4-triazine-6-carbonitrile via Mitsunobu and Chan-Lam Coupling Reaction

Tomáš Ručil, Martin Grepl, and Petr Cankář*


 Heterocycles Mitsunobu Reaction Chan-Lam Coupling Reaction 1,2,4-Triazine *N*-Alkylation

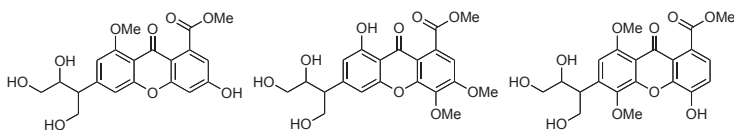
375 Isoprenylated Flavones from *Garcinia bracteata* and Their Anti-Tobacco Mosaic Virus Activity

Yuehong Yang, Limei Li, Jie Lou, Yang Cheng, Yede Wang, Duntao Shu, Lei Shi, Xue-Mei Gao, Ping Ning,* and Qiu-Fen Hu*


Garcinia bracteata Isoprenylated Flavone Anti-Tobacco Mosaic Virus Activity Structure Elucidation

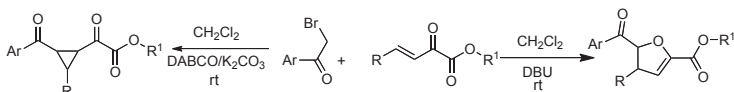
381 Xanthenes from the Fermentation Products of an Endophytic Fungus *Phomopsis* sp.

Lin Yuan, Wenzhong Huang, Kun Zhou, Yuede Wang, Wei Dong, Jie Lou, Limei Li, Gang Du, Hai-Ying Yang, Yin Hai Ma,* and Qiu-Fen Hu*


 Xanthone Endophytic Fungus *Phomopsis* sp. Fermentation Product Cytotoxicity

388 Selective Synthesis of 2,3-Dihydrofuran or Cyclopropane Derivatives via Tandem Reaction of β,γ -Unsaturated- α -Ketoesters with Halides

Dong Cheng,* Xiangzhen Meng, Guoxu Qin, and Yimin Hu*


 Dihydrofuran Derivative Cyclopropane Derivative β,γ -Unsaturated α -Ketoester Combination Base Tandem Reaction

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 399 Polyketides
 - 406 Aromatics
 - 412 Terpenes
 - 437 Steroids
 - 438 Alkaloids
 - 442 Miscellaneous
-

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 445 Polyketides
 - 449 Aromatics
 - 452 Terpenes
 - 454 Alkaloids
 - 461 Miscellaneous
-

■ BRUSH UP YOUR HETEROCYCLES

- 463 Brush Up Your Heterocycles
-

**Contributors
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