

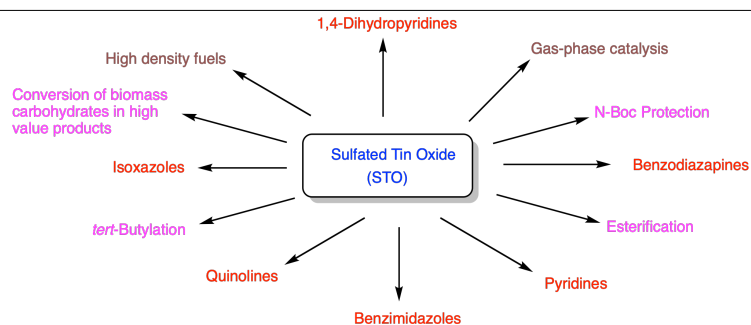
Contributors To This Issue

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952 Xu, Hui
979 Yamauchi, Haruka
969 Yan, Shiqiang
945 Yu, Xiao
945 Zhang, Wei
945 Zhou, Mengnan
945 Zhu, Linlin
952 Zou, Peng

REVIEW

843 Applications of Sulfated Tin Oxide (STO) in Organic Synthesis - from 2016 to 2021

Narsimhaswamy Dubasi and Ravi Varala*

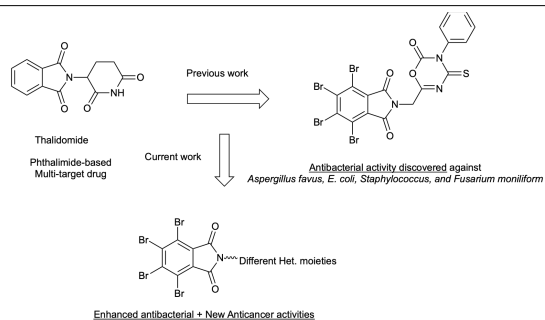


Dihydropyridine Quinoline Benzimidazole Benzodiazapine Isoxazole

PAPERS

855 Synthesis, Biological Evaluation, and In Silico Studies of New Heterocycles Incorporating 4,5,6,7-Tetrabromophthalimide Moiety as Potential Antibacterial and Anticancer Agents

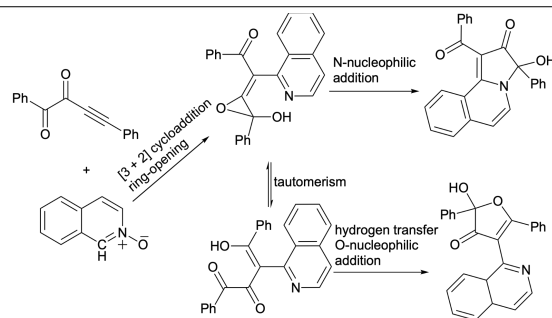
Magda H. Abdellattif,* Hossam Nada, and Ahmed Elkamhawy



Cancer 4,5,6,7-Tetrabromophthalimide Molecular Docking Antimicrobial Agent Anticancer Agent

878 Theoretical Investigation on the Mechanism and Selectivity of Catalyst-Free Annulation of Ynediones and (Iso)quinoline N-Oxides

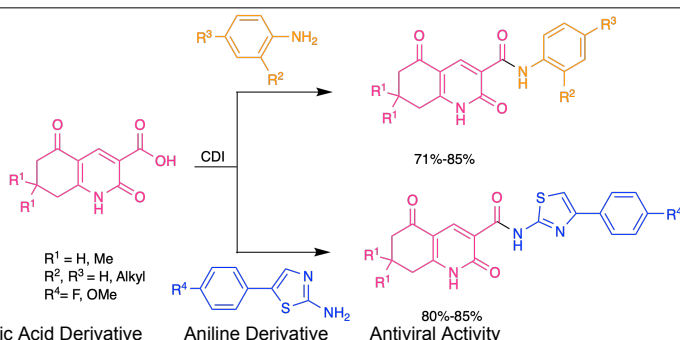
Nan Lu,* Hui Liang, Chengxia Miao, and Xiaozheng Lan



Annulation (Iso)quinoline N-Oxide Regioselectivity N-Nucleophilic Addition M06-2X Functional

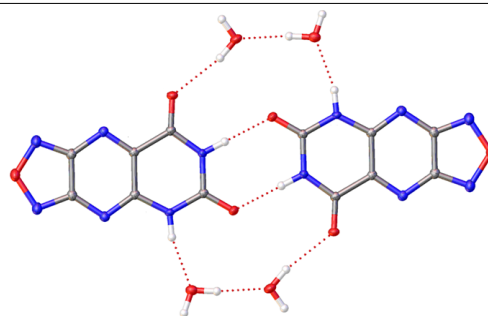
894 Synthesis of Hexahydroquinoline-3-carboxamide Derivatives and Their HIV-1 Antiviral Activity

Reagan Lehlogonolo Mohlala, Elena Mabel Coyanis,* Muhammad Qasim Fish, and Moira Leanne Bode*



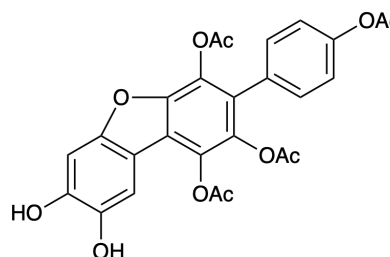
Hexahydroquinoline-3-carboxamide Carbonyldiimidazole Carboxylic Acid Derivative Aniline Derivative Antiviral Activity

- 917 **Characterization and Antitumor Activity of Furazano[3,4-*g*]pteridine-2,4(1*H*,3*H*)-dione**
Yoshimasa Makita,* Shin-ichi Kawaguchi, and Shin-ichi Fujiwara



Alloxazine Antitumor Activity

- 925 **Inhibition of Amyloid β Aggregation by *p*-Terphenyl Derivatives Isolated from *Boletopsis leucomelas***
Akihisa Kobori, Kentaro Hosaka, and Hideyuki Shigemori*



p-Terphenyl Derivative Amyloid β Aggregation *Boletopsis leucomelas* Alzheimer's Disease Mushroom

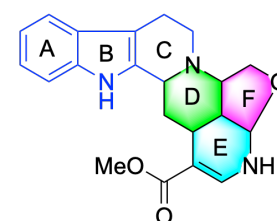
- 934 **L-Cysteine Catalyzed One-Pot Synthesis of Bicyclic δ -Lactones under Ball-Milling Conditions**
Ling Jiang, Qingqing Lu, Qianqian Tang, Yue Cheng, and Xiaohe Chu*



Bicyclic δ -Lactone Ball-Milling L-Cysteine One-Pot Synthesis Three-Component Reaction

■ SHORT PAPERS

- 945 **A New Monoterpenoid Indole Alkaloid from *Uncaria rhynchophylla***
Guiyang Wang, Xiao Yu, Linlin Zhu, Yan Liang, Mengnan Zhou, Bin Liu,* and Wei Zhang*

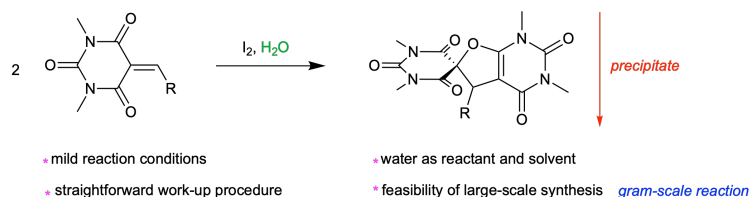


Uncanidine A

Alkaloid *Uncaria rhynchophylla* Chemical Constituent

952 Iodine-Promoted Cyclization of Alkylidene Barbiturates in Water: Facile Synthesis of Dihydrofuryl Spirobarbiturates

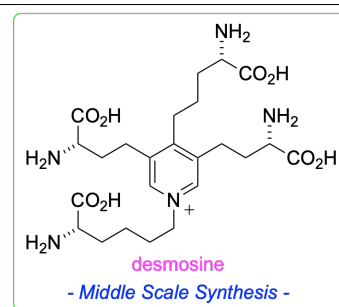
Zeng-Yang He, Hui Xu,* Wen-Bin Wang, Hua-Jun Xu, and Peng Zou*



Spirobarbiturate Green Chemistry Iodine-Promoted Cyclization Water Solvent

961 Middle-Scale IsoChichibabin Desmosine Synthesis

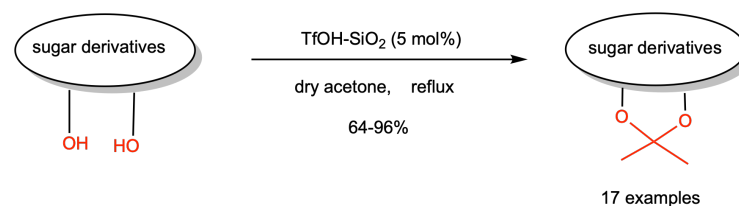
Takahiro Suzuki, Nao Tanaka, Hiroaki Tanaka, and Toyonobu Usuki*



Biomimetic Synthesis Selective Synthesis Amino Acid Desmosine

969 Triflic Acid Adsorbed on Silica Gel as an Efficient Catalyst for O-Isopropylideneation of Sugar Derivatives

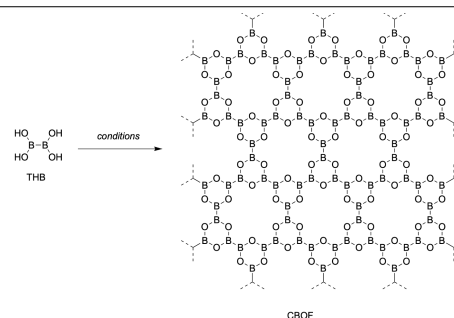
Lisha Wu, Shuying Li, Wei Guo, and Shiqiang Yan*



Triflic Acid Immobilized on Silica Gel O-Isopropylideneation Free Sugar Green Chemistry

979 Synthesis of Covalent Boroxine Frameworks by Polycondensation of Tetrahydroxydiboron

Haruka Yamauchi, Atsushi Asano, and Shotaro Hayashi*



Boroxine Covalent Organic Framework Condensation

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 987 Polyketides
 - 991 Aromatics
 - 994 Terpenes
 - 996 Alkaloids
 - 1003 Miscellaneous
-

■ BRUSH UP YOUR HETEROCYCLES

- 1005 Brush Up Your Heterocycles
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