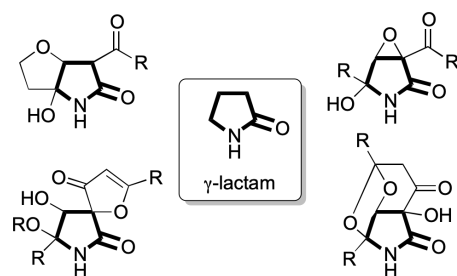


■ REVIEW

1235 **Highly Oxidized  $\gamma$ -Lactam-Containing Natural Products: Total Synthesis and Biological Evaluation**

Kosaku Tanaka III,\* Hiroshi Kogen, and Kenichi Kobayashi\*



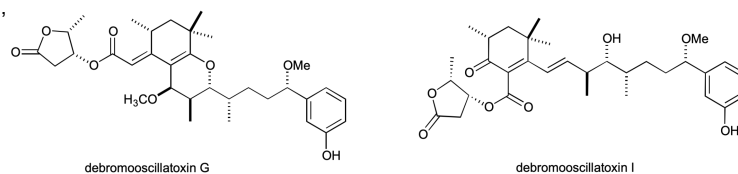
highly oxidized  $\gamma$ -lactam-containing natural products

$\gamma$ -Lactam    Natural Product    Total Synthesis    Biological Evaluation

■ COMMUNICATIONS

1287 **Debromooscillatoxins G and I from the Cyanobacterium *Moorea producens***

Kanon Iguchi, Masayuki Satake, Yutaro Nishio, Bo-Tao Zhang, Kento Kawashima, Hajime Uchida, and Hiroshi Nagai\*



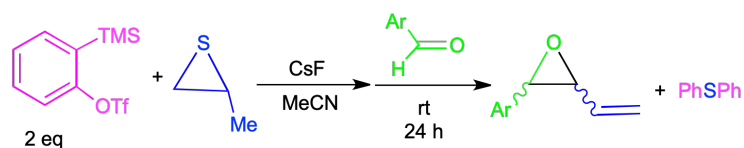
debromooscillatoxin G

debromooscillatoxin I

Aplysiatoxin    Marine Natural Product    Cyanobacterium    Structure Elucidation

1294 **Novel Reaction Course of Thiiranes to Vinyloxiranes: Reaction of Benzyne with Thiiranes and Aldehydes**

Kentaro Okuma,\* Yuxuan Qu, and Noriyoshi Nagahora

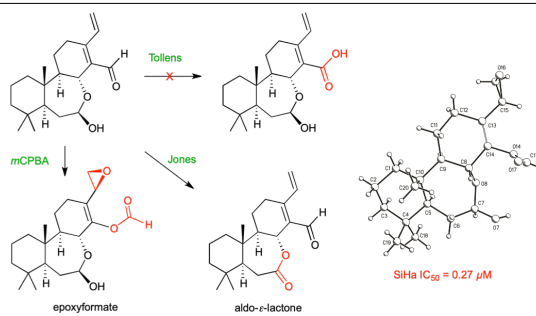


Benzyne    Thiirane    Oxirane    Vinyloxirane    One-Pot Synthesis

## ■ PAPERS

**1301 Uncommon Reactivity of a Seco-Oxacassane Diterpenoid and Antiproliferative Activity of Some Derivatives**

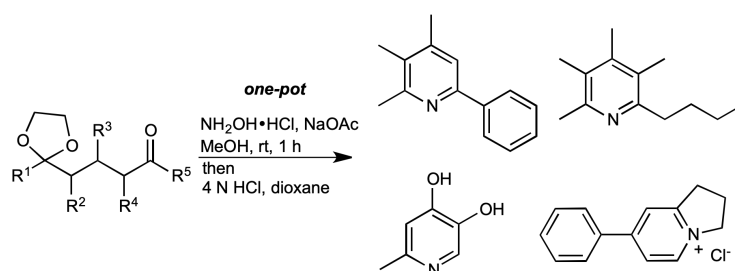
Alexia Hernández-Jiménez, Ledy De-la-Cruz-Martínez, Raúl Velasco-Azorsa, Reyna Zeferino-Díaz, José G. Alvarado-Rodríguez, Luis H. Mendoza-Huizar, J. Jesús Manríquez-Torres, Horacio Almanza-Reyes, Carlos M. Cerda-García-Rojas, Pedro Joseph-Nathan, and J. Martín Torres-Valencia\*



Seco-Oxacassane Diterpenoid    Abnormal Reactivity Behavior    Synthesis    Antiproliferative Activity

**1314 Preparation of Pyridine Derivatives from the Corresponding 5-Acetal-1-carbonyl Compounds by Acid Promoted Cyclization**

Hirokichi Mihara, Yuki Watanabe, and Hiroyuki Konno\*



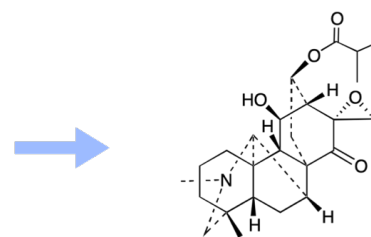
Alkylpyridine    Cyclization of Oxime Intermediate    One-Pot Process

**1330 A New Denudatine Type C<sub>20</sub>-Diterpenoid Alkaloid from *Aconitum fischeri* var. *arcuatum***

Lili Qin, Feng Xing, Lin Chen,\* and Xianli Zhou\*



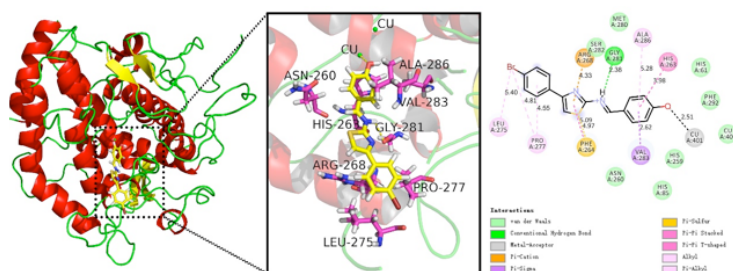
*Aconitum fischeri* var. *arcuatum*



*Aconitum fischeri* var. *arcuatum*    Diterpenoid Alkaloid    Denudatine-Type Alkaloid    Anti-Inflammation Activity

**1337 Biological Evaluation and Synthesis of Thiazole Schiff Base Derivatives**

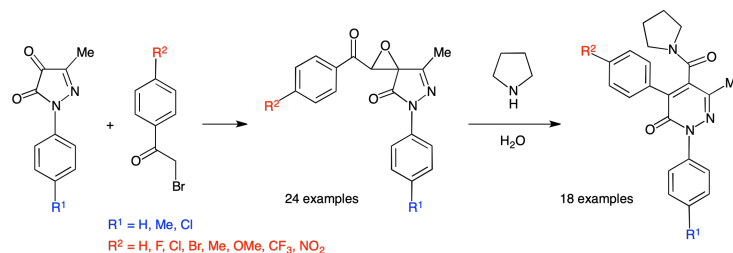
Wei Zhou, Fengyan Wu, and Jinbing Liu\*



Thiazole Schiff Base    Synthesis    Tyrosinase Inhibitory Activity    Docking Study

**1354 Synthesis and Reaction of Novel Spiro Pyrazol-3-ones Containing Oxirane Moiety**

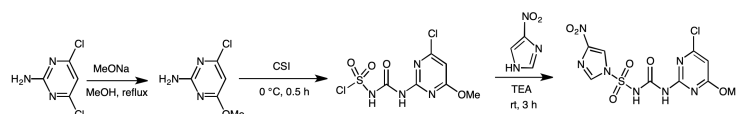
Hayate Nagabuchi, Eiichi Masumoto, Fumi Okabe-Nakahara, and Hiroshi Maruoka\*



Pyrazole    Oxirane    Spiro Compound    Ring Transformation    Pyridazinone

**1374 Synthesis and Biological Activity Evaluation of Imidazole Heterocyclic Sulfonylurea Compounds**

Wei Li, Jinze Pei, Yang Chen, and Guangshan Xuan\*

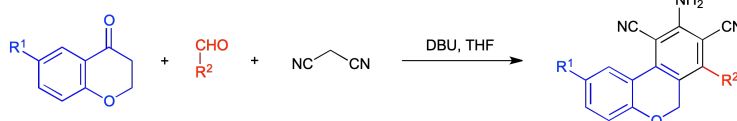


Imidazole Heterocycle    Sulfonylurea    Molecular Docking    ALS Inhibitor    Antifungal Activity

■ SHORT PAPERS

**1385 Direct Construction of 9-Amino-7-aryl-6H-benzo[c]-chromene-8,10-dicarbonitriles by Means of a Cascade Michael/Cyclization Reaction**

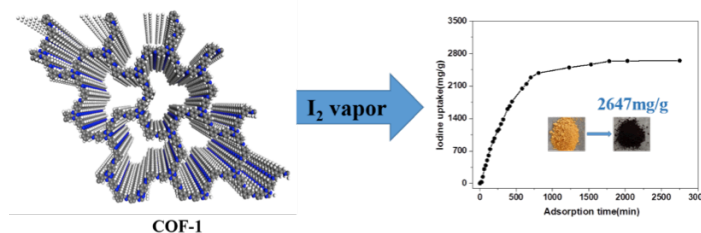
Dao-Cal Wang,\* Yi Luo, Xi-Xia Chen, and Xiao-Peng Liu\*



Cyclization    Benzo[c]chromene    Multicomponent Reaction    Michael Addition    DBU

**1395 Synthesis of One Covalent Organic Framework (COF) Based on C=N Bonds and Its Excellent Performance of Iodine Adsorption**

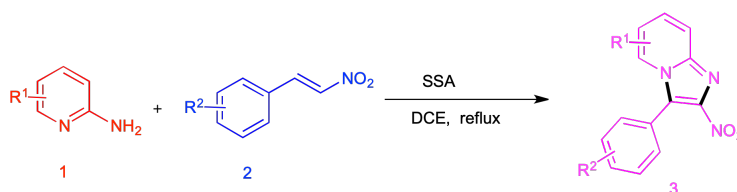
Yingbin Zhang, Limei Li, Meige Wang, and Zhongyu Duan\*



Covalent Organic Framework    Iodine    Adsorption    Recycling Performance

**1402 Metal-Free Regioselective Synthesis of 2-Nitro-3-arylimidazo[1,2-a]pyridines via Oxidative Amination under Air Using Silica Sulfuric Acid as an Effective Heterogeneous Catalyst**

Divya Sree Uppalapati,\* Rama Sekhara Reddy Dachuru,\* and Satya Veni Sunkara



Rare Regioselective Reaction    2-Aminopyridine    Silica Sulfuric Acid     $\beta$ -Nitrostyrene    Imidazopyridine

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 1413 Polyketides
  - 1415 Aromatics
  - 1419 Terpenes
  - 1423 Steroids
  - 1424 Alkaloids
  - 1431 Miscellaneous
- 

■ BRUSH UP YOUR HETEROCYCLES

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- 1433 Brush Up Your Heterocycles
-

## Contributors To This Issue

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