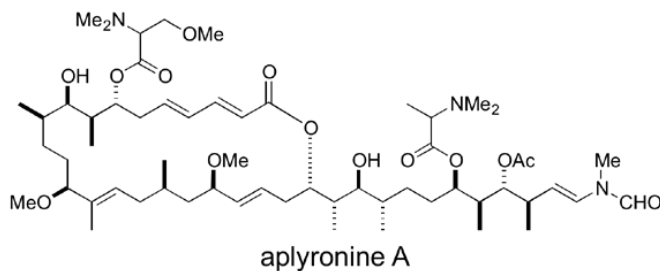


## ■ REVIEW

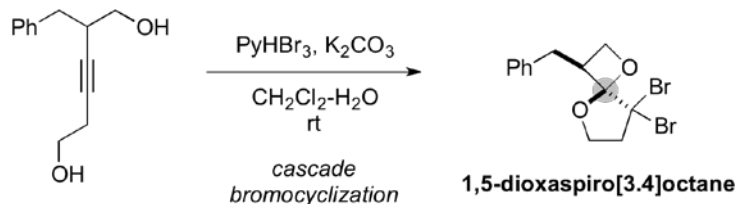
- 1137 **Recent Progress in the Synthetic Study of an Antitumor Marine Macrolide Aplyronine A and Related Molecules**  
 Ichiro Hayakawa\* and Hideo Kigoshi\*



Aplyronine A    Antitumor Marine Macrolide    Synthetic Study

## ■ COMMUNICATIONS

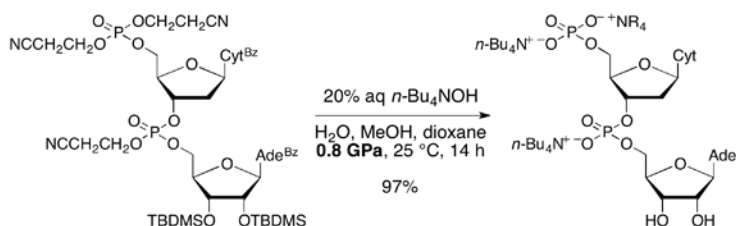
- 1157 **Synthesis of 1,5-Dioxaspiro[3.4]octane through Bromocation-Induced Cascade Cyclization**  
 Atsuo Nakazaki, Yoshiki Nakane, Yuki Ishikawa, and Toshio Nishikawa\*



Oxetane Acetal    Spirocyclic Compound    Cascade Reaction    *gem*-Dibromomethylene    Alkyne

- 1164 **A New Strategy for Synthesis of the Dinucleotide pdCpA: A Convenient Method for the Deprotection of Cyanoethyl, TBDMS, and Benzoyl Groups in One Step at High Pressure**

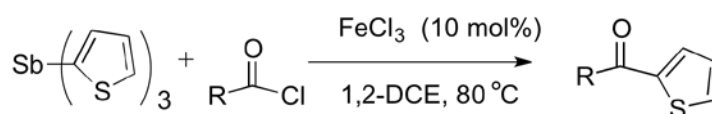
Masanori Kataoka,\* Chiharu Fukui, Akiko Mimoto, Hideaki Kuge, Koichi Honke, and Hiyoshizo Kotsuki\*



Dinucleotide Synthesis    Deprotection    High-Pressure Reaction    Desilylation

- 1170 **Preparation of Acylthiophenes by Iron(III) Chloride Catalyzed Reactions of Tris(2-thienyl)stibanes with Acyl Chlorides**

Naoki Kakusawa,\* Yoshie Nakagawa, Yutarou Toshima, Shuji Yasuike, and Jyoji Kurita

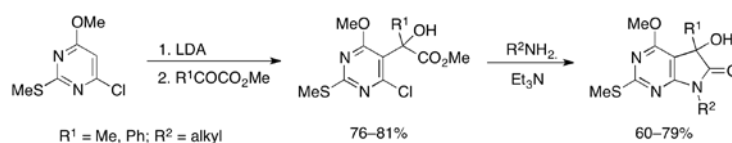


Organoantimony Compound    Iron Catalyst    Tris(2-thienyl)stibane    Acylthiophene    Acyl Chloride

## ■ PAPER

**1177 Two-Step Synthesis of 5-Hydroxy-5,7-dihydro-6H-pyrrolo-[2,3-d]pyrimidin-6-one Derivatives from 4-Chloro-6-methoxy-2-(methylsulfanyl)pyrimidine**

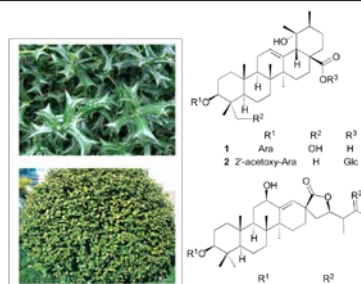
Kazuhiro Kobayashi,\* Ryoga Ono, Shohei Yuba, Hidetaka Hiyoshi, and Kazuto Umezu


 5,7-Dihydro-6H-pyrrolo[2,3-d]pyrimidin-6-one    4,6-Dichloro-2-(methylsulfanyl)pyrimidine (DCSMP)    Lithiation     $\alpha$ -Keto Ester    Lactamization

## ■ SHORT PAPERS

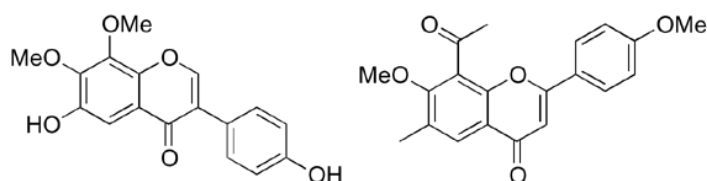
**1187 Triterpene Saponins from the Aerial Parts of *Ilex cornuta* and Their Cytotoxic Activity**

Seung Young Lee, Won Se Suh, Ho Kyung Kim, Il Kyun Lee, Sang Un Choi, Ki Hyun Kim, and Kang Ro Lee\*


 Triterpene Saponin    *Ilex cornuta*    Cytotoxicity

**1198 Flavonoids from the Leaves of Sun Cured Tobacco and Their Anti-Tobacco Mosaic Virus Activity**

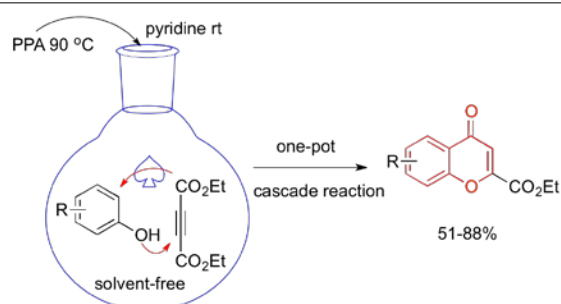
Yun Wang, Chun-Bo Liu, Qin-Peng Shen, Feng-Mei Zhang, Pei He, Zhi-Hua Liu, Hong-Bin Zhang, Xiao-Dong Yang, Ming-Ming Miao,\* and Guang-Yu Yang\*



Flavonoid    Yunnan Local Sun Cured Tobacco    Anti-Tobacco Mosaic Virus Activity

**1204 An Efficient Construction of 4-Oxo-4H-chromene-2-carboxylate Derivatives via One-Pot Cascade Reaction Under Solvent-Free Conditions**

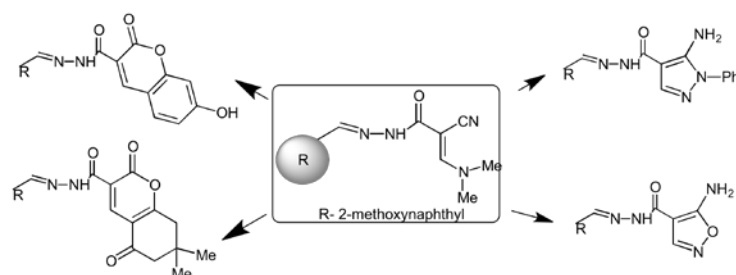
Chao Huang,\* Jia-Hui Guo, Huang-Mei Fu, Ming-Long Yuan, and Li-Juan Yang



Chromone    Solvent-Free Conditions    One-Pot Reaction    Cascade Reaction    Metal-Free Conditions

**1212 Synthesis and Cytotoxicity Activity of Some Novel Hydrazone, Pyrazole, Isoxazole, Pyrimidine and Fused Pyran-2-one Derivatives**

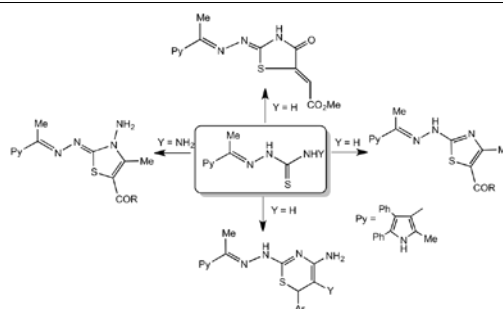
Hala M. Refat\* and A. A. Fadda



Enaminonitrile    Cytotoxicity Activity    Carbohydrazide

**1227 Synthesis and Anticancer Activities of Thiazoles, 1,3-Thiazines, and Thiazolidine Using Chitosan-Grafted-Poly(vinylpyridine) as Basic Catalyst**

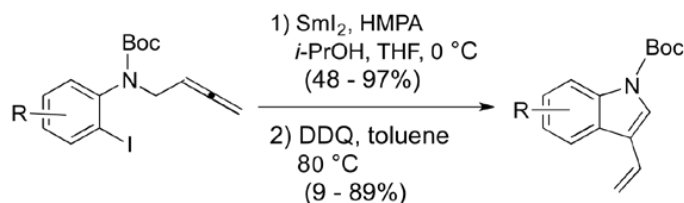
Sobhi M. Gomha, Sayed M. Riyadh,\* Elmahdi A. Mahmoud, and Mahmoud M. Elaasser



Thiazole    1,3-Thiazine    Grafted-Chitosan    MM2 Calculation    Anticancer Activity

**1244 Synthesis of 3-Ethenylindoles via Intramolecular Cyclization of Aryl Radical with Allene Generated by Samarium(II) Diiodide**

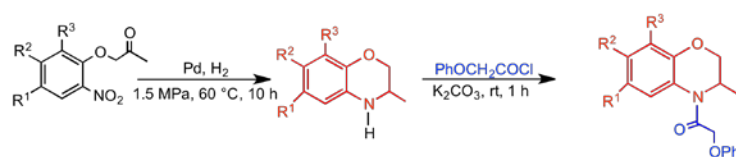
Kenji Suzuki, Hiroki Iwasaki, Fumihito Ichiyoshi, Mao Tominaga, Naoto Kojima, Minoru Ozeki, and Masayuki Yamashita\*



Indole    Samarium Diiodide    Allene    Intramolecular Cyclization

**1256 Synthesis and Safener Activity of Novel Substituted 4-Phenoxyacetyl-1,4-benzoxazines**

Fei Ye, Shi-Long Wu, Li-Xia Zhao, Hai-Tao Qu, Shuang Gao, and Ying Fu\*



4-Phenoxyacetyl-3-methyl-3,4-dihydro-2H-1,4-benzoxazine    Active Substructure Combination    Synthesis    Single Crystal    Safener Activity

■ NEW HETEROCYCLIC NATURAL PRODUCTS

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- 1269 Aromatics
  - 1276 Terpenes
  - 1291 Steroids
  - 1293 Alkaloids
  - 1301 Miscellaneous
- 

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 1307 Polyketides
  - 1310 Aromatics
  - 1314 Terpenes
  - 1318 Alkaloids
  - 1331 Miscellaneous
- 

■ BRUSH UP YOUR HETEROCYCLES

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- 1335 Brush Up Your Heterocycles
-

■ ADDITIONS AND CORRECTIONS

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- 1347 New Anti-Oxidative Compounds from *Rhinacanthus nasutus* : HETEROCYCLES, 2015, **91**, 1037 : DOI: 10.3987/COM-15-13193

Ryuichiro Suzuki,\* Hiroshi Sakagami, and Yoshiaki Shirataki

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