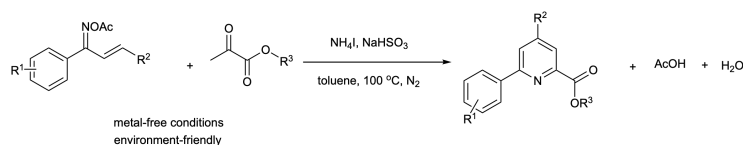




**1435** **NH<sub>4</sub>I-Catalyzed Formal [4+2] Cycloaddition of  $\alpha,\beta$ -Unsaturated O-Acetyl Oxime with Alkyl Pyruvate for Rapid Substituted Pyridine Formation**

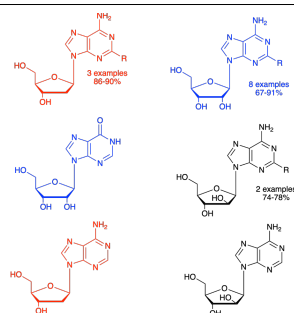
Dong Cheng, Xiangzhen Meng,\* Shuailu Wang, Xuan Zhao, and Jingwen Chen



Substituted Pyridine [4+2] Cycloaddition Ketoxime-Enoate Redox-Neutral Condition Metal-Free System

**1447** **Diversity-Oriented Synthesis of 2-Substituted Purine Nucleosides from Available Nucleosides via the Late-Stage Nitration/Derivatization**

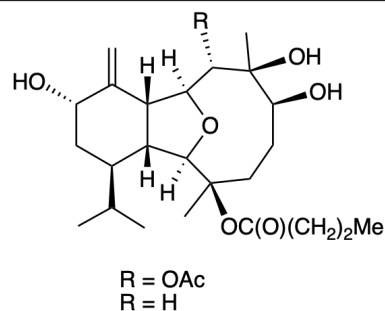
Ran Xia,\* Li-Jie Liu, Chao Xia, Li-Ping Sun, and Lei-Shan Chen\*



2-Substituted Purine Nucleoside Late-Stage Nitration Diversity-Oriented Synthesis Nucleoside Drug

**1461** **Coniferains C and D, New Eunicellin-Based Diterpenoids from *Cladiella conifera***

Jhao-Syuan Zeng, Tung-Ying Wu, Po-Jen Chen, Wei-Chiung Chi, Nan-Fu Chen, Yang-Chang Wu, Lee-Shing Fang, Shun-Hua Chen,\* Liang-Mou Kuo,\* and Ping-Jyun Sung\*

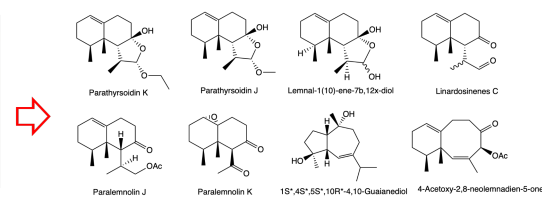
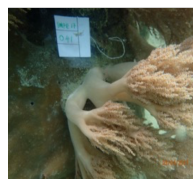


*Cladiella conifera* Eunicellin Coniferain Octocoral DLD-1

■ SHORT PAPERS

**1469** **New Bioactive Sesquiterpenoid from Malaysian Soft Coral Genus *Lemnalia***

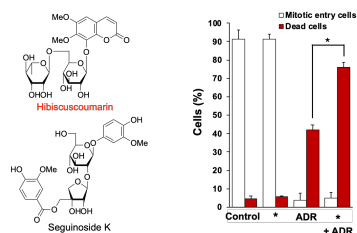
Kazuki Tani, Takashi Kamada, Chin-Soon Phan, and Charles S. Vairappan\*



Sesquiterpenoid Soft Coral Malaysia *Lemnalia* Bioactive

**1477 Chemical Structures and Cell Death Inducing Activities of Constituents Isolated from *Hibiscus tiliaceus***

Takahiro Kitagawa, Takahiro Matsumoto,\* Daisuke Imahori, and Tetsushi Watanabe\*

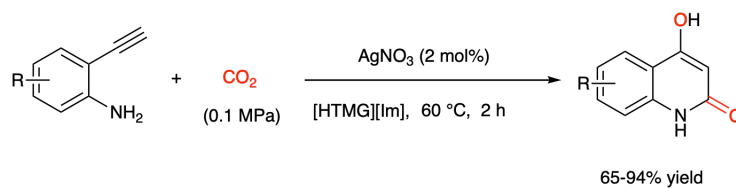


Mitotic cells and dead cells on seguinaside K (60 μM) treated HeLa cells with or without Adriamycin (ADR, 1.0 μg/ml). Seguinaside K (1) significantly increased the dead cells by ADR. Statistical significances were analyzed using T-test (Mann-Whitney test) (\*P < 0.05).

*Hibiscus tiliaceus*    Hibiscuscoumarin    Adriamycin

**1486 Silver-Catalyzed Conversion of CO<sub>2</sub> and 2-Ethynylanilines into 4-Hydroxyquinolin-2(1H)-ones in Protic Ionic Liquid at Atmospheric Pressure**

Qi Feng,\* Keyan Yuan, Miaoqing Zhu, Jingzou You, and Congmin Wang



4-Hydroxyquinolin-2(1H)-one    CO<sub>2</sub>    Protic Ionic Liquid    Silver-Catalyzed Reaction

**■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS**

- 1497 Polyketides
- 1499 Aromatics
- 1505 Terpenes
- 1509 Alkaloids
- 1517 Miscellaneous



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