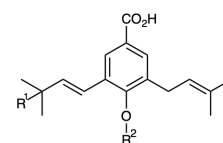


■ COMMUNICATIONS

1019 Three New Nervogenic Acid Derivatives from *Liparis nervosa*

Song-lin Wu, Chuan-lun Yang, Chun-gu Zhang,* and Shuai Huang*

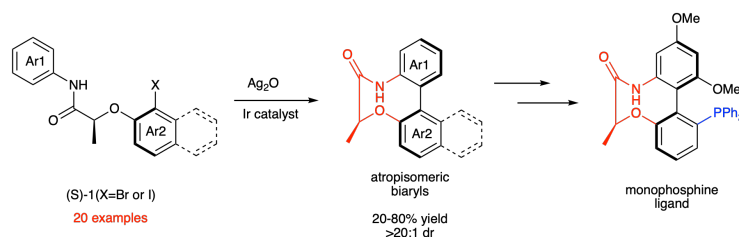

Liparis nervosa (Thunb. ex A. Murray)


| | R ¹ | R ² |
|---|----------------|-------------------------------------|
| 1 | OMe | Ara |
| 2 | OMe | Glc |
| 3 | OOH | Ara ² ← ¹ Glc |

 Orchidaceae *Liparis nervosa* Benzamide Acid Derivative Nervogenic Acid Derivative

1026 Diastereoselective Synthesis of Amide-Bridged Axially Chiral Biaryls through Point-to-Axial Asymmetric C-H Arylation

Qian Wang, Xiujuan Ma, Tingting Miao,* Jinjie Qian,* and Qian Shi*

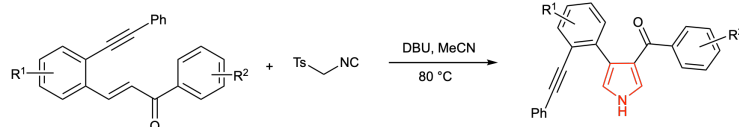


C-H Activation Axially Chiral Biaryl Monophosphine Ligand

■ PAPERS

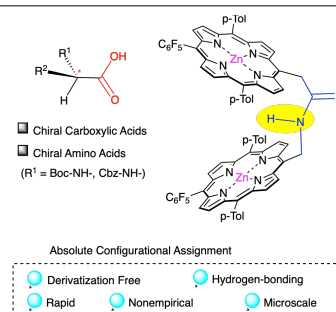
1033 An Efficient Synthesis of (Aryl)(4-(2-(arylethynyl)phenyl)-1*H*-pyrrol-3-yl)methanone from the Reaction of (*E*)-1-Aryl-3-(2-(arylethynyl)phenyl)prop-2-en-1-one and *p*-Toluenesulfonylmethyl Isocyanide

Zhongwei Sun, Chengkai Wang, Fang Li, Zifeng Zhang,* and Liangce Rong*


 1,8-Dihydroindeno[2,1-*b*]pyrrole (*E*)-1-Aryl-3-(2-(arylethynyl)phenyl)prop-2-en-1-one *p*-Toluenesulfonylmethyl Isocyanide Michael Addition

1043 Supramolecular Chirogenesis in Amide-Linked Bis(Zinc Porphyrin): Application for Absolute Configurational Assignment of Chiral Carboxylic Acids and Chiral Amino Acids

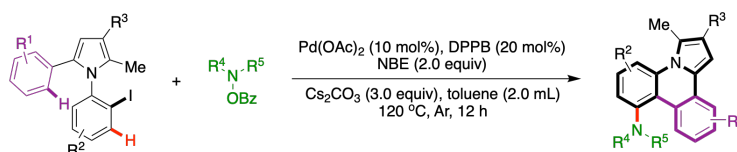
Satoshi Hayashi,* Shiori Takeda, Takahiro Namba, Masahiro Noji, and Toshikatsu Takanami*



Porphyrin Carboxylic Acid Amino Acid Chirality Absolute Configuration

1059 Access to Functionalized Pyrrolophenanthridine via an *ortho* C-H Amination/Interannular C-H Arylation Cascade of *N*-Arylpyrroles

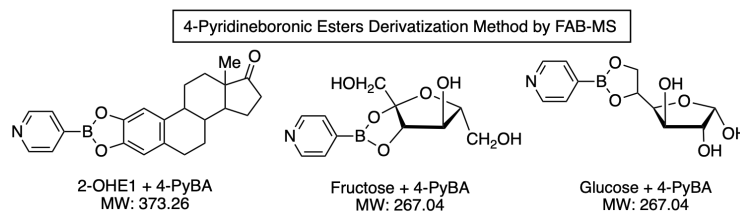
Jitan Zhang,* Yuhang Li, Pengpeng Sun, Yue Zhang, Meihua Xie,* and Jiaping Wu*



Pyrrolophenanthridine Catellani Strategy C-H Activation Photoelectric Material Palladium

1074 FAB-MS Measurement of 2-Hydroxyestrone and Monosaccharides Assisted by 4-Pyridineboronic Ester Derivatization

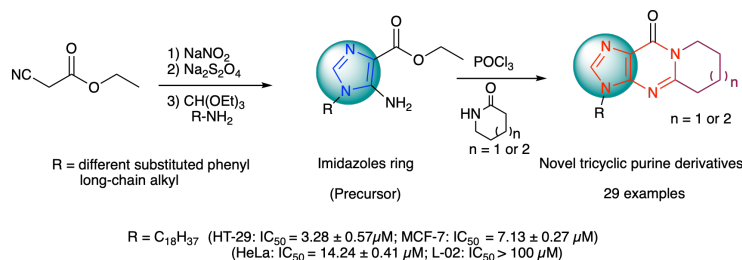
Sachiko Komatsu, Katsuhiko Sato,* Kyoko Sugiyama, Masayuki Kumano, Kazuhiro Watanabe,* and Tsutomu Fujimura



Phenylboronic Acid 4-Pyridineboronic Acid FAB-MS 2-Hydroxyestrone Fructose

1085 Synthesis and Antitumor Activity of Novel Linear Tricyclic Compounds Derived from Purine

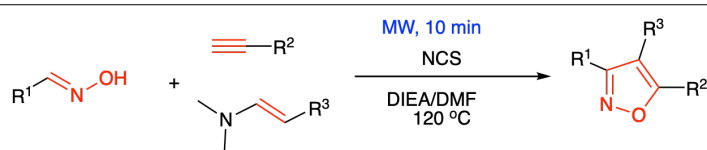
Hongmei Guo, Lifei Nie, Khurshed Bozorov, Haji Akber Aisa,* and Jianguy Zhao*



Linear Tricyclic Purine Derivative Antitumor Activity

1098 Microwave-Assisted Synthesis of Phenylisoxazole Derivatives via 1,3-Dipolar Cycloaddition

Yan Zhang, Zhiwu Long, Yi Le, Li Liu, and Longjia Yan*


 • R¹ = Phenyl, Aryl

30 examples

 • R² = Phenyl, CO₂Me

30 - 93% yield

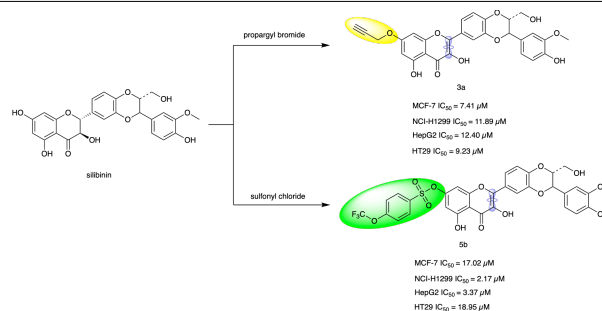
 • R³ = COMe, CO₂Et

Microwave Synthesis Phenylisoxazole Cycloaddition

■ SHORT PAPERS

1111 **Synthesis and *in vitro* Anticancer Efficacy of Novel Silibinin Derivatives**

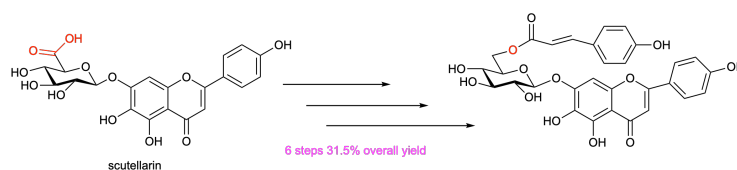
Jiang Zeng, Qiuchan Wu, Jinfu Dong, Cong Liang, Xiaomou Wei, Jifei Chen, Song Shi, Zhijie Yang, Tian Lan, and Hongwen Wu*



Silibinin Silibinin Derivative Antiproliferative Activity

1123 **Concise Semi-Synthesis of a Flavone Glycoside from Marine Angiosperm**

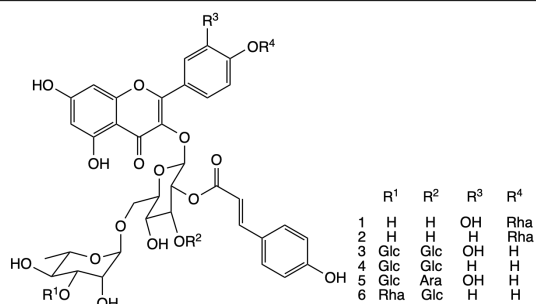
Lisha Wu, Shiqiang Yan,* and Limei Huang



Scutellarin Flavone Glycoside Semi-Synthesis *Halophila johnsonii*

1131 **Characterization of Teaghrin-Like Compounds from Tea Cultivars in Thailand and *in silico* Study of Their Bioactivity**

Patcharee Pripdeevech, Sarunpron Khruengsai, Yue-Chiun Li, Chia-Hao Wang, Ping-Chung Kuo,* and Jason T. C. Tzen*

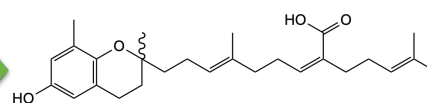
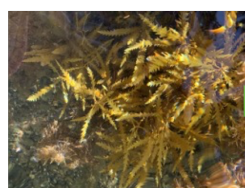


Assam Tea Ju Hua Xiang Tea Acylated Flavonoid Glycoside Spectroscopic and Spectrometric Analyses Ghrelin Receptor Binding Affinity

1141 **Macrocarquinoid D, New Meroterpenoid from Brown Alga, *Sargassum macrocarpum***

Seiya Shinoda, Shin-ichiro Kurimoto, Takaaki Kubota, and Mitsuhiro Sekiguchi*

Sargassum macrocarpum



Sargassum macrocarpum Structure Elucidation Meroterpenoid DPPH Radical Scavenging Activity Advanced Glycation End Products

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1149 Polyketides
 - 1151 Aromatics
 - 1153 Terpenes
 - 1158 Steroids
 - 1159 Alkaloids
 - 1173 Miscellaneous
-

■ BRUSH UP YOUR HETEROCYCLES

- 1175 Brush Up Your Heterocycles
-

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