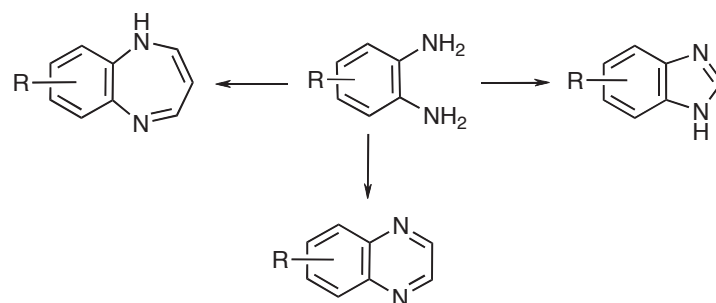


### REVIEWS

#### 2689 Synthetic Utilities of *o*-Phenylenediamines: Synthetic Approaches for Benzimidazoles, Quinoxalines and Benzo[1,5]diazepines

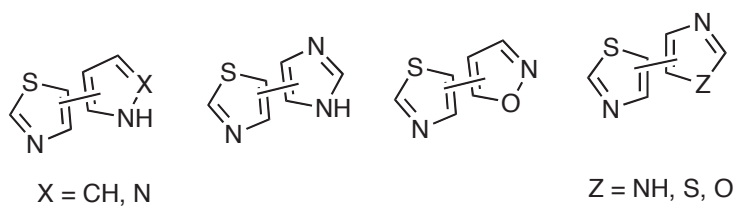
Magdy Ahmed Ibrahim\*



*o*-Phenylenediamine    Benzimidazole    Quinoxaline    Benz[1,5]diazepine    Condensation Reaction

#### 2731 Synthetic Access to Azolylthiazoles

Bakr F. Abdel-Wahab,\* Hanan A. Mohamed, Abdelbasset A. Farahat, and Kamal M. Dawood

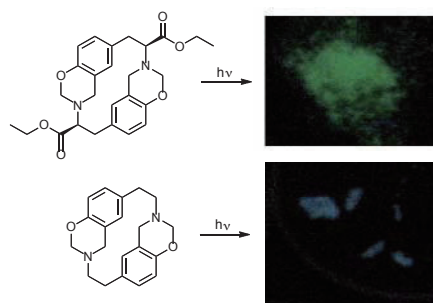


Azolylthiazole    Bithiazole    Synthesis    Cyclization    Heterocycle

### COMMUNICATIONS

#### 2769 Intrinsic Fluorescence of 1,3-Benzoxazinephanes

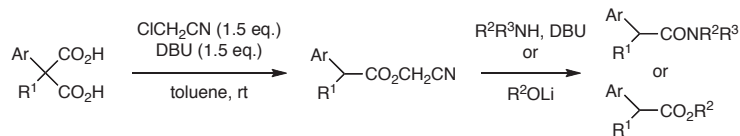
Rodolfo Quevedo\* and Cesar A. Sierra



Cyclophane    Benzoxazine    Tyrosine    Mannich Reaction    Fluorescence

#### 2773 Efficient and Mild Procedure for the Decarboxylative Cyanomethyl Esterification of Arylmalonic Acids Using ClCH<sub>2</sub>CN/1,8-Diazabicyclo[5.4.0]undec-7-ene

Niha Sasakura, Tomoyuki Yamauchi, Keiji Nakano, Yoshiyasu Ichikawa, and Hiyo Shizuo Kotsuki\*

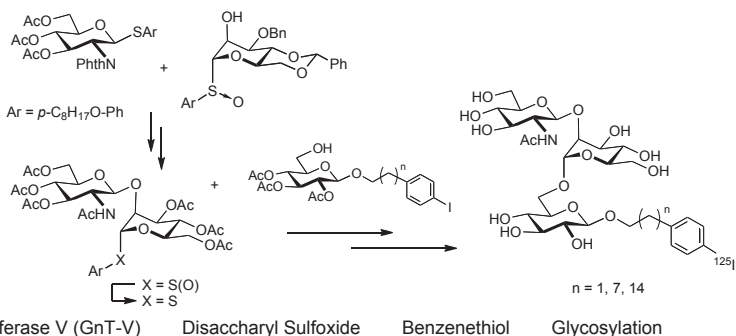


Arylmalonic Acid    Decarboxylation    Arylacetic Acid    Chloroacetonitrile    1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU)

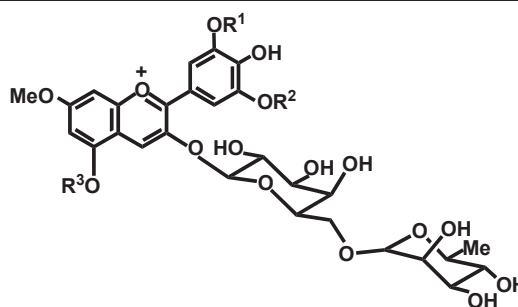
## ■ PAPERS

**2779 Alternative Synthesis of Radioiodinated Trisaccharide Derivatives, 2-(4-<sup>125</sup>Iodophenyl)ethyl 2-Acetamido-2-deoxy-β-D-glucopyranosyl-(1→2)-α-D-mannopyranosyl-(1→6)-β-D-glucopyranoside, and Preparation of Its Analogs Having Different Lengths of Alkyl Chains Instead of Ethyl Group: Acceptor Substrates of *N*-Acetylglucosaminyltransferase V for *in vivo* Imaging**

Kenji Arimitsu, Tetsuya Kajimoto, Hiroyuki Kimura, Masahiro Ono, Minoru Ozeki, Manabu Node, Yoshiro Ohmomo, Hideo Saji,\* and Masayuki Yamashita\*  
 Radioiodinated Trisaccharide Derivative    *N*-Acetylglucosaminyltransferase V (GnT-V)    Disaccharyl Sulfoxide    Benzenethiol    Glycosylation


**2803 7-O-Methylated Anthocyanidin Glycosides from the Reddish Purple Flowers of *Catharanthus roseus* 'Equator Lavender'**

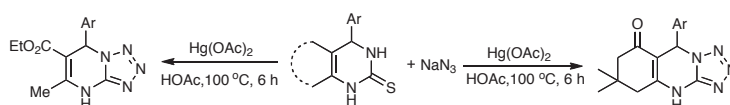
Kenjiro Toki, Norio Saito, Mika Kitaura, Fumi Tatsuzawa,\* Atsushi Shigihara, and Toshio Honda



*Catharanthus roseus*    Apocynaceae    7-O-Methyldephinidin and 7-O-Methylpetunidin 3-Robinosides    Hirsutidin

**2811 One-Step Synthesis of Tetrazolo[1,5-*a*]pyrimidines by Cyclization Reaction of Dihydropyrimidine-2-thiones with Sodium Azide**

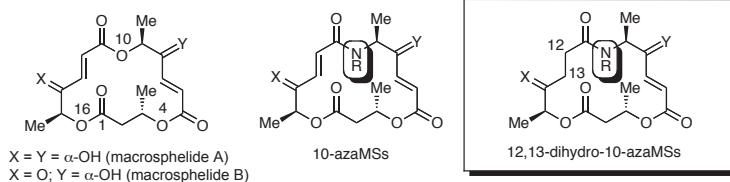
Xi-Cun Wang,\* Ying Wei, Yu-Xia Da, Zhang Zhang, and Zheng-Jun Quan



3,4-Dihydropyrimidin-2(1*H*)-thione    Dihydrotetrazolo[1,5-*a*]pyrimidine    Octahydroquinazoline-2-thione    Tetrahydrotetrazolo[1,5-*a*]quinazoline

**2823 Dihydroazamacrospheptides: Synthesis and Apoptosis Inducing Activities**

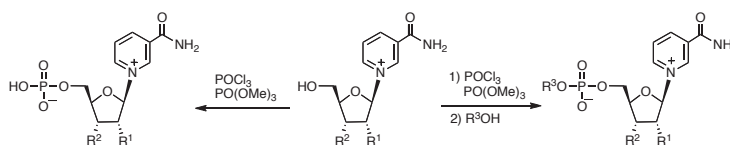
Kenji Sugimoto, Yuta Kobayashi, Takashi Kondo, Naoki Toyooka, Hideo Nemoto, and Yuji Matsuya\*



Macrospheptide    Aza-Analogue    Apoptosis Inducing Activity    Ring-Closing Metathesis Strategy    Macrolactam

**2837 Studies on the Synthesis of Nicotinamide Nucleoside and Nucleotide Analogues and Their Inhibitions towards CD38 NADase**

Zhe Chen, Anna Ka Yee Kwong, Zhenjun Yang, Liangren Zhang,\* Hon Cheung Lee, and Lihe Zhang

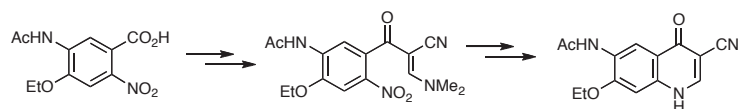


Nucleoside    Nicotinamide Nucleoside    Nicotinamide Nucleotide    Synthesis    Inhibitor of CD38

## ■ SHORT PAPERS

**2851 Synthesis of *N*-(3-Cyano-7-ethoxy-1,4-dihydro-4-oxoquinolin-6-yl)acetamide**

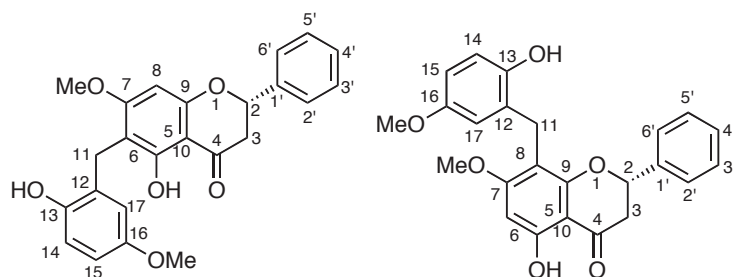
Qiang Zhang, Yongjun Mao, Zheng Liu, Kai Xie, Yi Zhu, Yabing Wei, Xiangrui Jiang,\* and Jingshan Shen



3-Cyanoquinoline    Synthesis    Reductive Cyclization    Condensation    Process

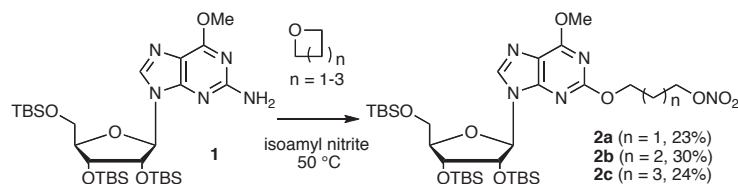
**2857 Two New Flavones from *Uvaria macrophylla* Roxb. var. *microcarpa* and Their Cytotoxic Activities**

Zhong Chen, Xue-Run Liu, Yan-Li Liu, Qiong-Ming Xu,\* and Shi-Lin Yang


*Uvaria macrophylla* Roxb. var. *microcarpa*    Macrophyllain A    Macrophyllain B    Cytotoxic Activity

**2865 One-Pot Synthesis of 2-Nitrooxyalkoxylated Inosine Analogs Using Cyclic Ether and Isoamyl Nitrite**

Norikazu Sakakibara, Masahiro Komatsu, and Tokumi Maruyama\*



Nucleoside Analogue    Diazonium Ion    Nitrooxyalkoxylation    Ostwald Process    Cyclic Ether Cleavage

## ■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2873 Polyketides
- 2876 Aromatics
- 2893 Terpenes
- 2905 Alkaloids
- 2913 Miscellaneous

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 2915 Polyketides
  - 2919 Aromatics
  - 2921 Terpenes
  - 2922 Steroids
  - 2923 Alkaloids
  - 2931 Miscellaneous
- 

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