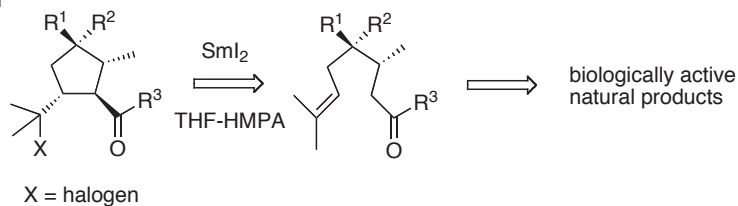


## ■ REVIEW

- 2719 **Development of Samarium Diodide-Promoted Regioselective Carbon-Carbon Bond Cleavage Reaction of  $\gamma$ -Halo- and  $\epsilon$ -Halo- $\alpha,\beta$ -unsaturated Carbonyl Compounds: Application to the Synthesis of Biologically Active Natural Products**

Toshio Honda\*

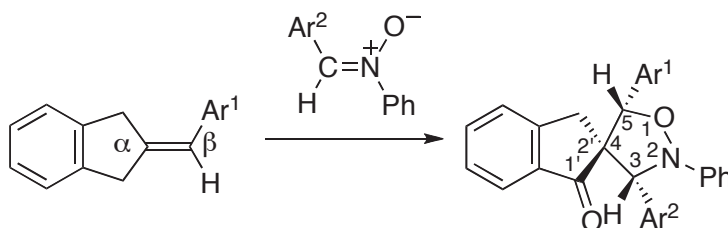


Samarium Diodide    Bioactive Natural Product    Carbon-Carbon Bond Cleavage Reaction    Chiral Synthesis    Reductive Fragmentation

## ■ PAPERS

- 2749 **Regio- and Stereoselective 1,3-Dipolar Cycloaddition of *C*-Aryl-*N*-phenylnitrones over (*E*)-Arylidene-(2*H*)-indan-1-ones: Synthesis of Highly Substituted Novel Spiroisoxazolidines**

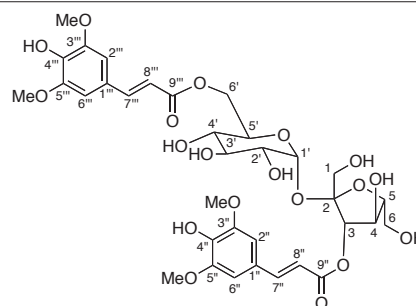
Nadia Wannassi, Mohamed Mehdi Rammah, Sarra Boudriga, Mohamed El Baker Rammah,\* Karin Monnier-Jobé,\* Kabula Ciamala, Michael Knorr, Mironel Enescu, Yoann Rousselin, and Marek M. Kubicki



Nitronium    Spiroisoxazolidine    Regioselectivity    Stereoselectivity    Cycloaddition

- 2763 **Isolation and Identification of a Gravity-Induced Growth Inhibitor in Etiolated Radish Hypocotyls**

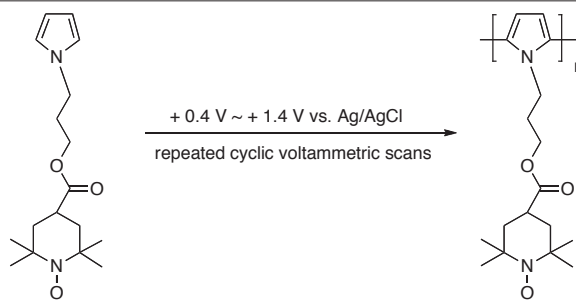
Tsuyoshi Hasegawa, Wai Wai Thet Tin,\* Hideyuki Shigemori, Toshihiko Otomatsu, Katsutoshi Hirose, Kensuke Miyamoto, Junichi Ueda, and Koji Hasegawa



3,6'-Disinapoylsucrose    Gravitropic Stimulation    Gravitropism    Gravity-Induced Growth Inhibitor    Radish Hypocotyl

- 2771 **Voltammetric Behavior of Mediator-Modified Electrode by Electrochemical Polymerization of Nitroxyl Radical Precursor Containing Pyrrole Side Chain**

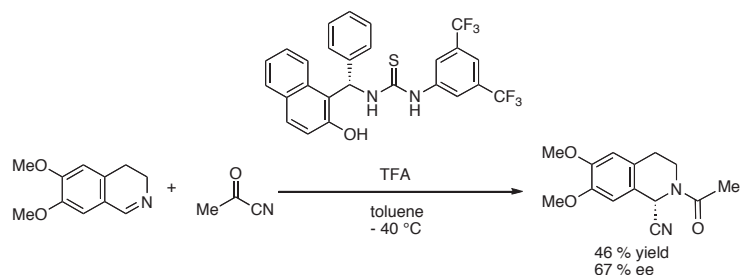
Tetsuya Ono, Makiko Tsunoda, Shigehiro Takahashi, Toshio Obata, Takanori Sone, and Yoshitomo Kashiwagi\*



Electrochemical Polymerization    Pyrrole    Nitroxyl Radical    Modified Electrode    Electrocatalysis

**2781 Asymmetric Acyl-Strecker Reaction Promoted by Novel Thiourea Organocatalyst**

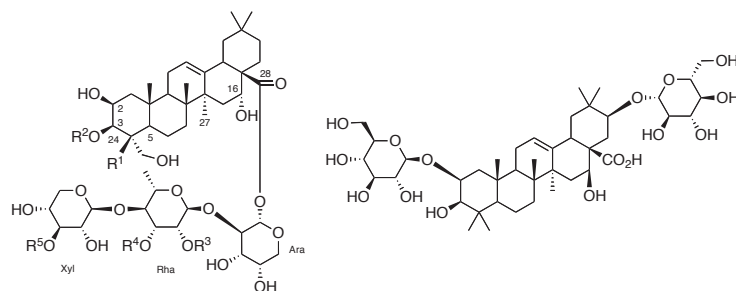
Takuya Kanemitsu, Eisuke Toyoshima, Michiko Miyazaki, Kazuhiro Nagata, and Takashi Itoh\*



Asymmetric Synthesis    Strecker Reaction    Thiourea    Organocatalyst    Betti Base

**2793 Eight New Oleanane-Type Triterpenoid Saponins from Platycodon Root**

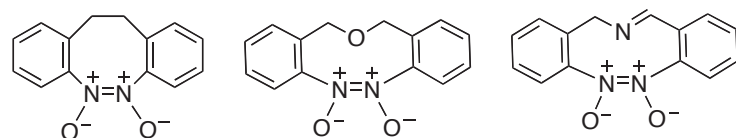
Motonori Fukumura, Daigo Iwasaki, Yasuaki Hirai, Yumiko Hori, Kazuo Torizuka, Peter T. M. Kenny, Yoshiyuki Kuchino, and Yoshiteru Ida\*



Triterpenoid Saponin    *Platycodon grandiflorum*    Platycodin    Platyconic Acid    Cytotoxicity

**2807 Synthesis and Spectroscopic Characterization Study of Some Cyclic-Azodioxides**

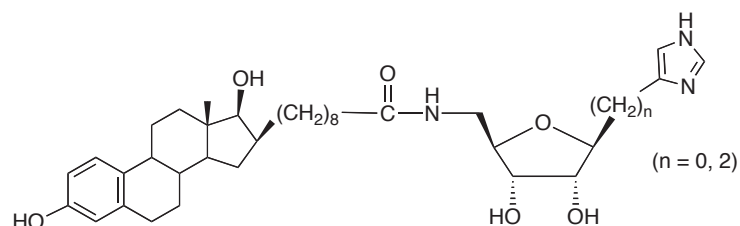
Mohammad A. Naser Al-Magmoy,\*  
Zeki A. Nasir Al-Shamkhani, and Ali Hashem Essa



Cyclic Azodioxide    Dinitroso Compound    Oxidation    Diamine    Tungstenate Peroxide

**2817 Synthesis of Two Estradiol-Imidazole C-Ribonucleoside Hybrid Compounds Exhibiting Inhibitory Effects against Type 1 17β-Hydroxysteroid Dehydrogenase**

Shinya Harusawa,\* Chihiro Kojima, Kensuke Fujii, Yuusaku Yamashita, Tomoya Tanaka, Lisa Araki, Toshinobu Yoshimura, Minoru Sakaguchi, Yoshihide Usami, and Masanori Takaoka

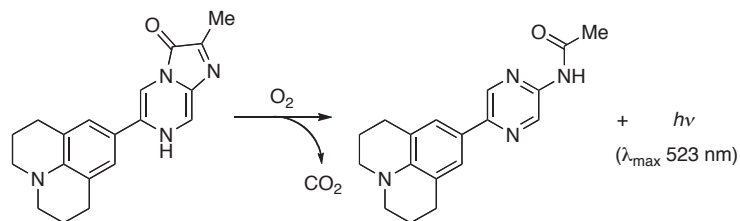


Type1 17β-Hydroxysteroid Dehydrogenase    EM-1745    Estradiol    Imidazole    C-Nucleoside

## ■ NOTES

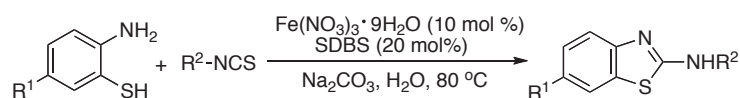
**2831 Non-CRET-Based Green Chemiluminescence of Imidazopyrazinone Modified by 2,3,6,7-Tetrahydro-1*H*,5*H*-benzo[*i,j*]quinolizine as a Strong Electron-Donating Unit**

Ryota Saito\*


 Imidazo[1,2-*a*]pyrazin-3(7*H*)-one    Chemiluminescence    Julolidine    Non-CRET-Based Long-Wavelength Luminescence

**2841 Iron-Catalyzed One-Pot Synthesis of 2-Aminobenzothiazoles from 2-Aminobenzenethiols and Isothiocyanates under Ligand-Free Conditions in Water**

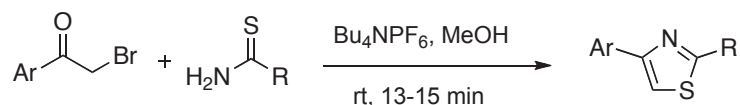
Wenying Wang, Wenying Zhong, Runxia Zhou, Jinsheng Yu, Juan Dai, Qiuping Ding,\* and Yiyuan Peng\*



2-Aminobenzothiazole    2-Aminobenzenethiol    Isothiocyanate    Tandem Reaction    Ligand-Free

**2849 A Rapid and High-Yielding Synthesis of Thiazoles and Aminothiazoles Using Tetrabutylammonium Salts**

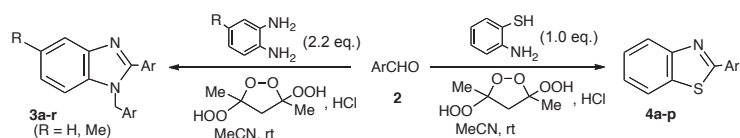
Erdal Kocabas,\* Ahmet Burak Sariguney, and Ahmet Coskun



Thiazole    Aminothiazole    Phenacyl Bromide    Tetrabutylammonium Hexafluorophosphate    Thiourea

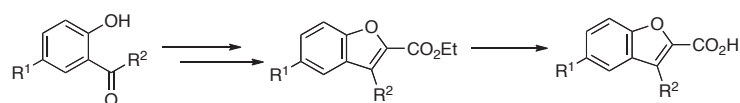
**2855 Synthesis of 1,2-Disubstituted Benzimidazoles and 2-Substituted Benzothiazoles Catalyzed by HCl-Treated *trans*-3,5-Dihydroperoxy-3,5-dimethyl-1,2-dioxolane**

Davood Azarifar,\* Kaveh Khosravi, Zohreh Najminejad, and Khadijeh Soleimani


*trans*-3,5-Dihydroperoxy-3,5-dimethyl-1,2-dioxolane    *o*-Phenylenediamine    *o*-Aminobenzenethiol    2-Aryl-1-arylmethylimidazole

**2865 Convenient Synthesis of Some 3-Phenyl-1-benzofuran-2-carboxylic Acid Derivatives as New Potential Inhibitors of CLC-Kb Channels**

Lua Piemontese, Giuseppe Carbonara, Giuseppe Fracchiolla, Antonio Laghezza, Paolo Tortorella, and Fulvio Loidice\*



Benzofuran-2-carboxylic Acid    CLC-K Chloride Channel    Alternative Synthesis    Cyclization    Condensation

■ NEW HETEROCYCLIC NATURAL PRODUCTS

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- 2873 Polyketides
  - 2880 Aromatics
  - 2898 Terpenes
  - 2912 Steroids
  - 2913 Alkaloids
  - 2925 Miscellaneous
- 

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 2927 Polyketides
  - 2933 Aromatics
  - 2935 Terpenes
  - 2937 Alkaloids
  - 2945 Miscellaneous
- 

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