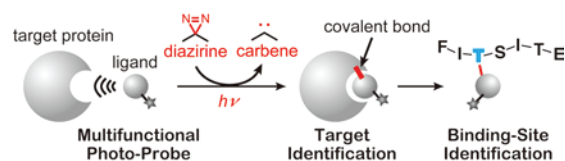


■ REVIEW

2697 Diazirine-Based Multifunctional Photo-Probes for Affinity-Based Elucidation of Protein-Ligand Interaction

Takenori Tomohiro* and Yasumaru Hatanaka

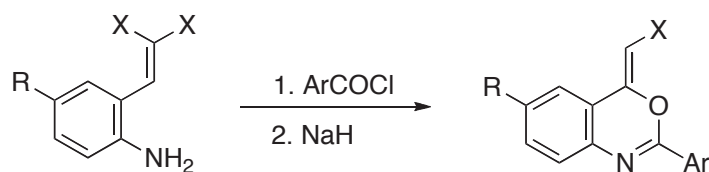


Photoaffinity Labeling Biomolecular Interaction Diazirine Target Identification

■ PAPER

2729 Synthesis of 2-Aryl-(Z)-4-(halomethylidene)-4H-3,1-benzoxazines by Sodium Hydride Mediated Cyclization of *M*[2-(2,2-Dihaloethenyl)phenyl]arenecarboxamides

Kazuhiro Kobayashi,* Ippei Nozawa, and Daiki Kado



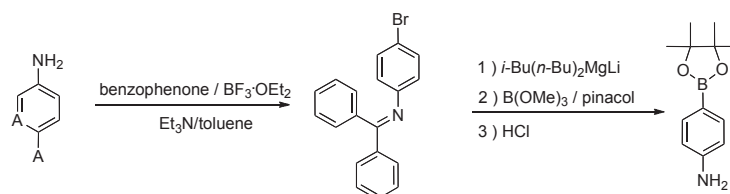
R = H, Cl, OMe; X = Cl, Br

4*H*-3,1-Benzoxazine 2-(2,2-Dihaloethenyl)benzenamine Ring Closure Reaction Sodium Hydride Vinylolithium

■ SHORT PAPERS

2739 A Practical and Scalable Process for the Preparation of 4-Aminophenylboronic Acid Pinacol Ester

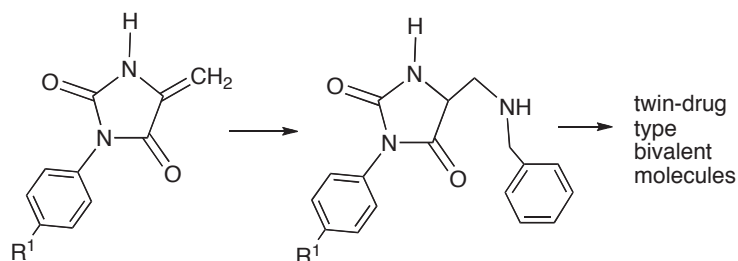
Feng Xue,* Chang-Gong Li, Yong Zhu, Tian-Jun Lou, and Guang-Jie He*



4-Aminophenylboronic Acid Pinacol Ester 4-Bromoaniline Dialkylmagnesium Lithium Transmetalation Borylation Reaction

2745 Reaction of 5-Methylene-hydantoins and Their Chemical Modification to Twin-Drug Type Symmetrical Molecules

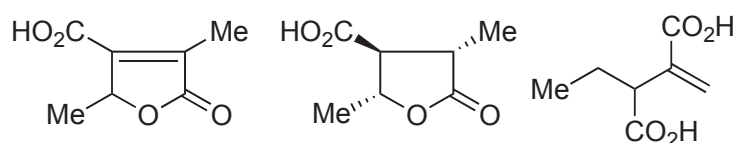
Fumiko Fujisaki, Ryou Fujiwara, Miriko Okabe, Ayumi Naito, Enko Fukami, Hatsumi Aki, Nobuhiro Kashige, Fumio Miake, and Kunihiro Sumoto*



5-Methylenehydantoin Regioselective Addition Reaction Symmetrical Twin-Drug Antibacterial Activity Heparan Sulfate

2760 γ -Lactonic and Linear Carboxylic Acids from Cultured Lichen Mycobionts of *Graphis scripta*

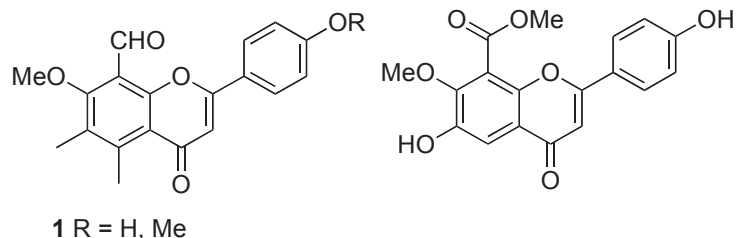
Yukiko Takenaka, Nobuo Hamada, and Takao Tanahashi*



Graphis scripta Lichen Isolated Mycobiont γ -Lactonic Carboxylic Acid Enantiomeric Mixture

2771 Flavonoids from the Leaves of *Nicotiana tabacum* and Their Anti-Tobacco Mosaic Virus Activity

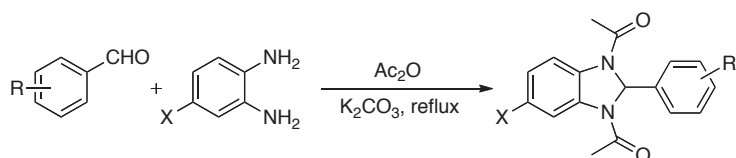
Yinke Li, Yingliang Zhao, Nengjun Xiang, Liu Yang, Fei Wang, Guangyu Yang, and Zhengyin Wang*



Nicotiana tabacum Flavonoid Anti-Tobacco Mosaic Virus Activity Structure Elucidation

2777 One-Pot Synthesis of New Benzimidazole Derivatives Promoted by Potassium Carbonate

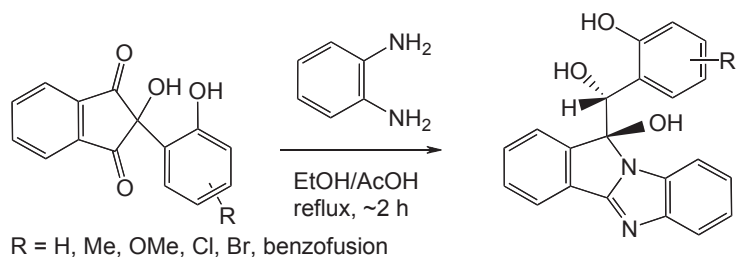
Meng-Wei Xue, Hong Zhou, Jing-Jing Yang, Jian Li, Shao-Xian Liu, and Dun-Lin Zhang*



Benzimidazole Derivative One-Pot Reaction

2786 Facile Synthesis of Benzimidazo[2,1-*a*]isoindoles from Phenolic Adducts of Ninhydrin

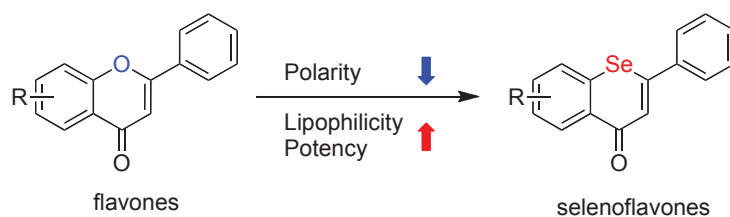
Suven Das* and Arpita Dutta



Ninhydrin-Adduct *o*-Phenylenediamine Benzimidazo[2,1-*a*]isoindole Acid-Catalyzed Reaction

2794 Synthesis and Evaluation of Selenoflavones That Have Potential Neuroprotective Effects

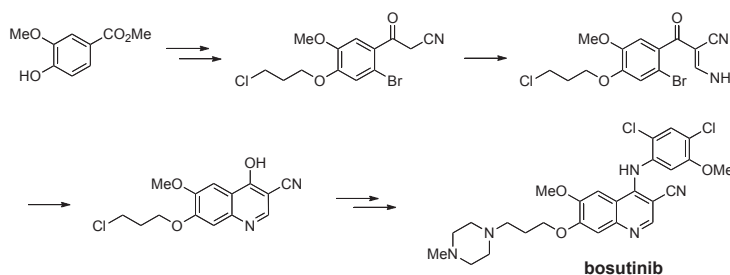
Yong-Sung Choi, Yoon-Jung Kim, Ju Yeun Lee, Jinu Lee, and Jin-Hyun Jeong*



Selenoflavone Neuroprotective Activity Flavone Organoseleno-Compound Selenium

2806 A New and Practical Synthesis of Bosutinib

Han Wang, Chunping Zhu, Guoqing Zhu, Xin Tian, Yongjia Shen,* and Yongjun Mao*



Bosutinib Practical Synthesis Synthetic Process

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2815 Polyketides
- 2818 Aromatics
- 2829 Terpenes
- 2852 Alkaloids

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2865 Polyketides
 - 2868 Aromatics
 - 2872 Terpenes
 - 2873 Steroids
 - 2874 Alkaloids
-

■ BRUSH UP YOUR HETEROCYCLES

- 2881 Brush Up Your Heterocycles
-

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**Contributors
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