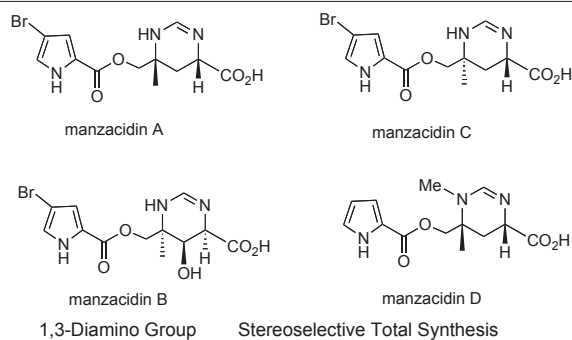


REVIEWS

2617 Total Synthesis of Manzacidins. An Overview and Perspective

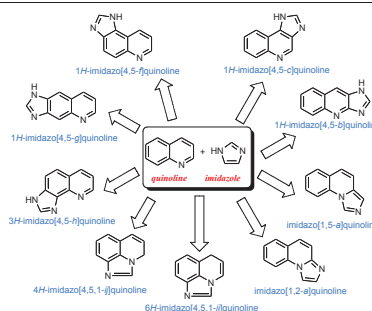
Yasufumi Ohfuné,\* Kentaro Oe, Kosuke Namba, and Tetsuro Shinada



Bromopyrrole Alkaloid    Manzacidins A, B, C, and D    Tetrahydropyrimidine    1,3-Diamino Group    Stereoselective Total Synthesis

2651 Imidazoquinolines as Diverse and Interesting Building Blocks: Review of Synthetic Methodologies

Zeinab Mahmoud and Mohsen Daneshtalab\*

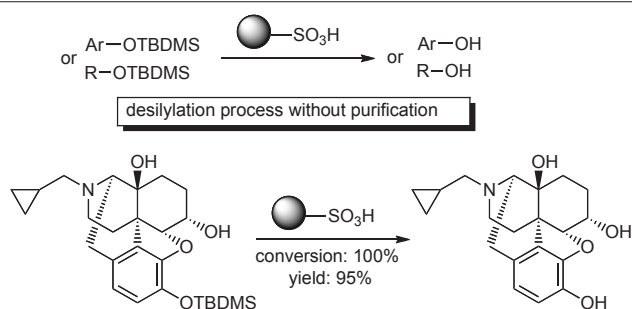


Aminobenzimidazole    Diaminoquinoline    Imidazoquinoline    Imidazole    Quinoline

COMMUNICATION

2685 Application of SO<sub>3</sub>H Silica Gel to Deprotection of Silyl Ethers

Hideaki Fujii, Takaaki Yamada, Kohei Hayashida, Miki Kuwada, Atom Hamasaki, Kazunori Nobuhara, Sumio Ozeki, and Hiroshi Nagase\*

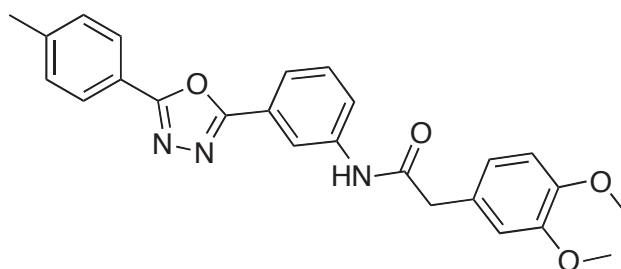


SO<sub>3</sub>H Silica Gel    Desilylation    Silyl Ether    No Purification    Solid Phase <sup>29</sup>Si NMR

■ PAPERS

2693 **Design, Synthesis and Biological Activity Evaluation of 2,5-Diphenyl-1,3,4-oxadiazole Derivatives as Novel Inhibitors of Fructose-1,6-bisphosphatase**

Hai-Bing He, Li-Xin Gao, Yue-Yang Zhou, Ting Liu, Jie Tang, Xue-Ping Gong, Wen-Wei Qiu, Jing-Ya Li,\* Jia Li,\* and Fan Yang\*



IC<sub>50</sub> = 4.51 μM (FBPase)

Fructose-1,6-bisphosphatase    2,5-Phenyl-1,3,4-oxadiazole    Type-2 Diabetes    Enzyme Inhibition

2713 **Novel Synthesis of Some New Fluorescent 2-Amino-3-cyanopyridines**

Afsaneh Zonouzi,\* Zakieh Izakian, and Seik Weng Ng



acid = *N*-HB or *P*-TSA

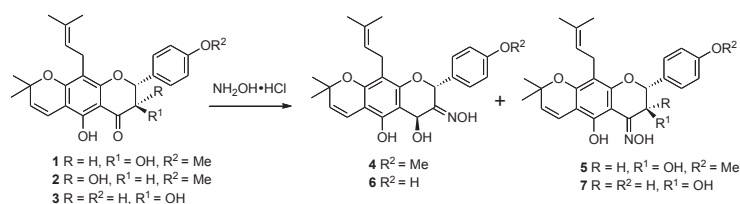
R<sup>1</sup> = Me, Et, *n*-Pr, *i*-Pr, *n*-Bu, *i*-Bu, (CH<sub>2</sub>)<sub>2</sub>OH, PhCH<sub>2</sub>, Ph(CH<sub>2</sub>)<sub>2</sub>, piperidino, pyrrolidino, morpholino  
R<sup>2</sup> = H, Me



2-Amino-3-cyanopyridine    Fluorescence    Condensation Reaction    One-Pot Reaction    Acid Catalyzed Reaction

2723 **Oximes of 3-Hydroxyphenylflavanones and Their Cytotoxic Activities**

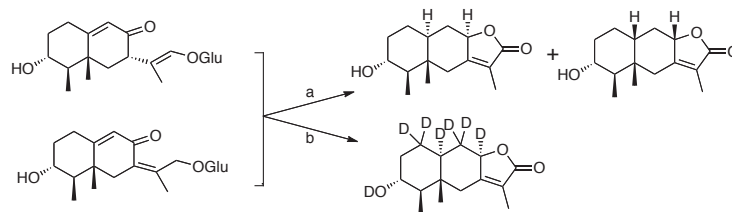
Sanit Thongnest, Ranu Sawangsri, Korakot Navakhun, Jantana Yahuafai, Pongpun Siripong, and Somyote Sutthivaiyakit\*



3-Hydroxyflavanone    Ketol Rearrangement    Oximation of 3-Hydroxyflavanone    Cytotoxic Activity

2735 **Conversion of Two Eremophilane Glucosides from *Pittocaulon praecox* into Eremophilanolides**

Amira Arciniegas, Jhon Ironzi Maldonado, Ana-L. Pérez-Castorena,\* and Alfonso Romo de Vivar



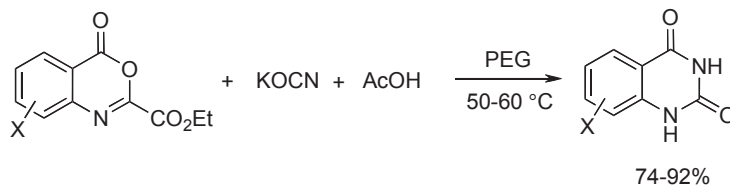
a: 10% HCl, 70 °C, 1/2 h; b: 10% DCl, 70 °C, 1/2 h

Eremophilane Transformation    Deuterium Labeling    Eremophilanolide

## ■ SHORT PAPERS

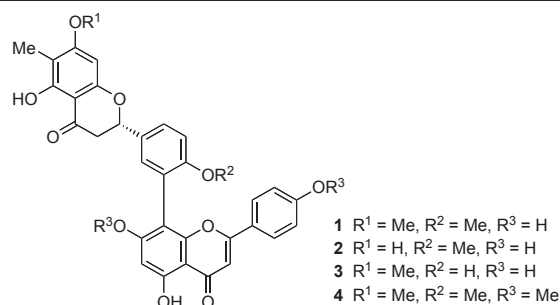
**2745 Condensation Reaction of Ethyl 4-Oxo-4*H*-benzo-*d*[1,3]oxazine-2-carboxylates with Potassium Cyanate: 2,4(1*H*,3*H*)-Quinazolinediones Synthesis**

Farzad Nikpour,\* Forugh Havasi, and Zeinab Arzegar


 4*H*-3,1-Benzoxazin-4-one    Quinazoline-2,4-dione    Benzoylurea    Potassium Cyanate    Heterocyclic Synthesis

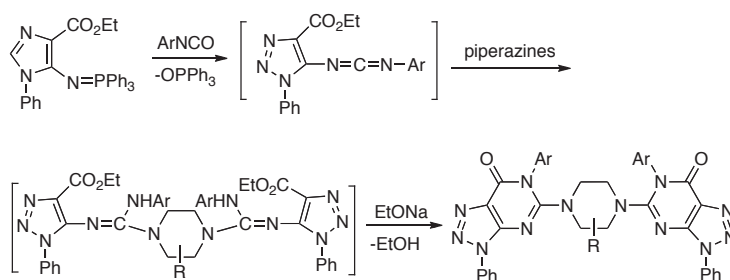
**2749 Structure-Activity Relationships of Biflavonoids for  $\beta$ -Secretase (BACE-1) Inhibitory Activity**

Hiroaki Sasaki, Yuki Kitoh, Kazuhiko Miki, Kaoru Kinoshita, Kiyotaka Koyama, Miyuki Kaneda, and Kunio Takahashi\*


 Biflavonoid    Amentoflavone    BACE-1     $\beta$ -Secretase    Alzheimer's Disease

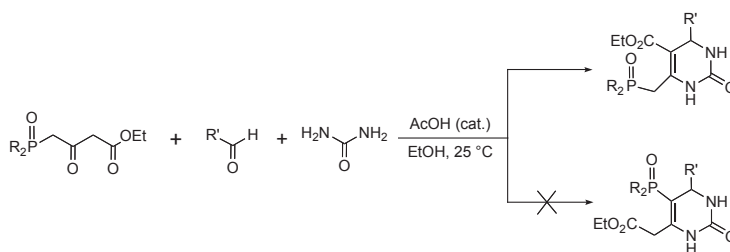
**2757 Sequential Three-Component Synthesis of 1,4-Bis-[triazolo[4,5-*d*]pyrimidin-7(6*H*)-one]piperazines**

Zheng Dong Fang\* and Xian Hong Wei


 Multicomponent Reaction    Triazolo[4,5-*d*]pyrimidin-7(6*H*)-one    Piperazine

**2765 Behaviour of  $\beta$ -Keto- $\delta$ -carbethoxyphosphonates and Phosphine Oxides in the Biginelli Multicomponent Reaction: Regioselective Synthesis of 5-Carbethoxy-6-phosphonomethyl-3,4-dihydropyrimidin-2-ones**

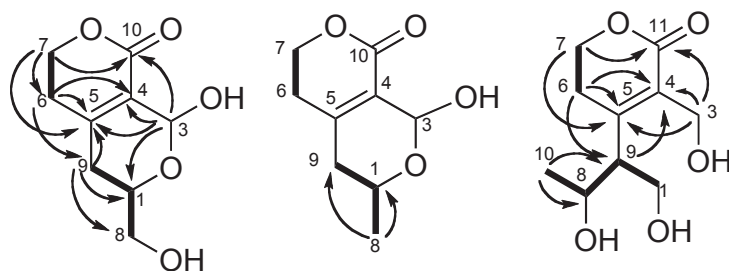
Emna Chebil and Soufiane Touil\*



Multicomponent Reaction    Biginelli Reaction    Dihydropyrimidone    Phosphorylated Heterocycles    Regioselectivity

**2775 Three New Iridoid Compounds from *Swertia cincta* Burkill**

Jin Yang, Feiyan Huang, Yongfu Zhou, Wei Liu, Ping Yi, and Ganpeng Li\*


*Swertia cincta* Burkill    Iridoid    Swercincolide

■ NEW HETEROCYCLIC NATURAL PRODUCTS

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- 2781 Polyketides
  - 2788 Aromatics
  - 2795 Terpenes
  - 2811 Steroid
  - 2812 Alkaloids
  - 2820 Miscellaneous
- 

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 2821 Polyketides
  - 2825 Terpenes
  - 2826 Alkaloids
  - 2834 Miscellaneous
-

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