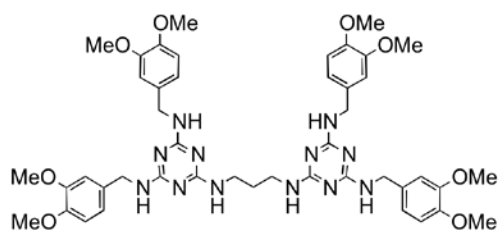


## ■ PAPERS

**489 Preparation of Some Novel Trisubstituted 1,3,5-Triazines and Hybrid Linker Mode 1,3,5-Triazine Derivatives and Their Biological Evaluation**

Nobuko Mibu, Kazumi Yokomizo, Kanae Yamada, Junko Matsuyama, Syoko Tomonaga, Izumi Sakai, Ryo Sato, Yuki Kawano, Yumemi Matsumoto, Yuka Fujita, Yusuke Inoue, Masaya Iida, Kaneto Hashiguchi, Jian-Rong Zhou, Makoto Furutachi, and Kunihiro Sumoto\*

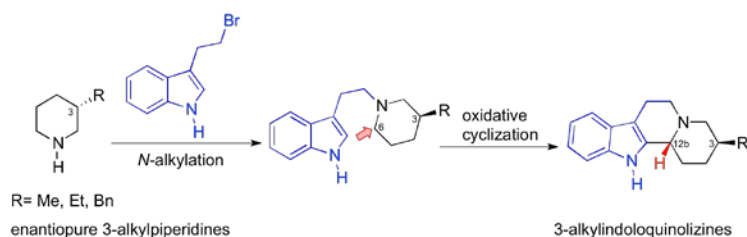


$EC_{50}$ =19.1  $\mu$ M (anti-HSV-1),  $CC_{50}$ >200  $\mu$ M (against Vero cells)

1,3,5-Triazine    Symmetrical Molecule    Anti-HSV-1 Activity

**509 Diastereoselective Synthesis of 3-Alkylindoloquinolizine Derivatives via Regiospecific Oxidative Cyclization**

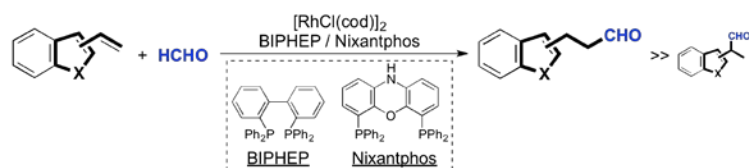
Susana Morales-Barba, Joel L. Terán, Dino Gnecco, María L. Orea, David M. Aparicio, Víctor Gómez-Calvario, and Jorge R. Juárez\*



3-Alkylindoloquinolizine Alkaloid    3-Alkylpiperidine    Diastereoselective Synthesis    Regiospecific Reaction    Oxidative Cyclization

**519 The Use of Formaldehyde in the Rhodium-Catalyzed Linear-Selective Hydroformylation of Vinylheteroarenes**

Jian Pan, Tsumoru Morimoto,\* Hideyuki Kobayashi, Hiroki Tanimoto, and Kiyomi Kakiuchi

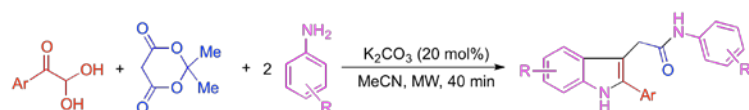


Hydroformylation    Formaldehyde    Vinylheteroarene    Regioselective Reaction    Rhodium Catalyst

## ■ SHORT PAPERS

**535 An Efficient Synthesis of *N*-Aryl-2-(indol-3-yl)acetamides via Multi-Component Reactions**

Guo-Ning Zhang, Mengye Zhang, Xiaonan Du, Mei Zhu, Juxian Wang,\* Daqing Shi,\* and Yucheng Wang\*

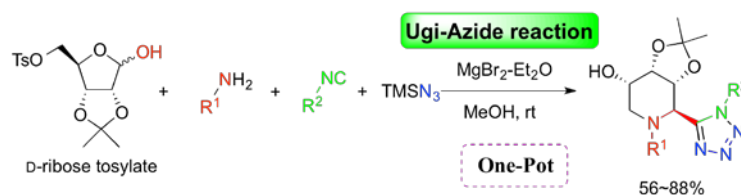


Multi-Component Reaction    Indole

## Contributors To This Issue

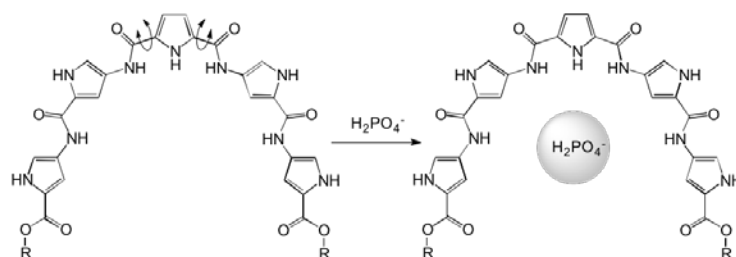
- |                    |                        |     |                  |
|--------------------|------------------------|-----|------------------|
| 509                | Aparicio, David M.     | 535 | Wang, Juxian     |
| 619, 620           | Aslanpour, Shiva       | 535 | Wang, Yucheng    |
| 618                | Bamdad, Maryam         | 544 | Xu, Bangjian     |
| 544                | Chen, Meihang          | 489 | Yamada, Kanae    |
| 570                | Chen, Wei-Hao          | 564 | Yamasaki, Kota   |
| 535                | Du, Xiaonan            | 489 | Yokomizo, Kazumi |
| 570                | Feng, Yi-Si            | 535 | Zhang, Guo-Ning  |
| 489                | Fujita, Yuka           | 544 | Zhang, Lingyu    |
| 489                | Furutachi, Makoto      | 535 | Zhang, Mengye    |
| 551                | Gan, Quan              | 489 | Zhou, Jian-Rong  |
| 509                | Gnecco, Dino           | 535 | Zhu, Mei         |
| 509                | Gómez-Calvario, Víctor |     |                  |
| 489                | Hashiguchi, Kaneto     |     |                  |
| 564                | Hiyoshi, Hidetaka      |     |                  |
| 551                | Htan, Bu               |     |                  |
| 489                | Iida, Masaya           |     |                  |
| 489                | Inoue, Yusuke          |     |                  |
| 558                | Ise, Yuji              |     |                  |
| 617                | Jalali, Mozghan Sadat  |     |                  |
| 509                | Juárez, Jorge R.       |     |                  |
| 519                | Kakiuchi, Kiyomi       |     |                  |
| 558                | Kato, Hikaru           |     |                  |
| 558                | Katsuki, Ayako         |     |                  |
| 489                | Kawano, Yuki           |     |                  |
| 617, 618, 619, 620 | Kiyani, Hamzeh         |     |                  |
| 519                | Kobayashi, Hideyuki    |     |                  |
| 564                | Kobayashi, Kazuhiro    |     |                  |
| 551                | Li, Guoping            |     |                  |
| 551                | Li, Jiulong            |     |                  |
| 570                | Li, Xiao-Xuan          |     |                  |
| 570                | Liu, Wen-Qiang         |     |                  |
| 558                | Losung, Fitje          |     |                  |
| 551                | Lu, Chaocao            |     |                  |
| 544                | Luo, Hairong           |     |                  |
| 551                | Ma, Chunmiao           |     |                  |
| 558                | Mangindaan, Remy E. P. |     |                  |
| 489                | Matsumoto, Yumemi      |     |                  |
| 489                | Matsuyama, Junko       |     |                  |
| 489                | Mibu, Nobuko           |     |                  |
| 509                | Morales-Barba, Susana  |     |                  |
| 519                | Morimoto, Tsumoru      |     |                  |
| 509                | Orea, María L.         |     |                  |
| 519                | Pan, Jian              |     |                  |
| 489                | Sakai, Izumi           |     |                  |
| 489                | Sato, Ryo              |     |                  |
| 535                | Shi, Daqing            |     |                  |
| 489                | Sumoto, Kunihiro       |     |                  |
| 570                | Tang, Wei-Ke           |     |                  |
| 519                | Tanimoto, Hiroki       |     |                  |
| 570                | Tao, Ting-Ting         |     |                  |
| 509                | Terán, Joel L.         |     |                  |
| 489                | Tomonaga, Syoko        |     |                  |
| 558                | Tsukamoto, Sachiko     |     |                  |
| 564                | Umezu, Kazuto          |     |                  |

- 544 **Synthesis of *N*-Alkyl Substituted Azasugar-Tetrazole Hybrid Molecules via Ugi-Azide Reaction**  
Hairong Luo,\* Bangjian Xu, Lingyu Zhang, and Meihang Chen



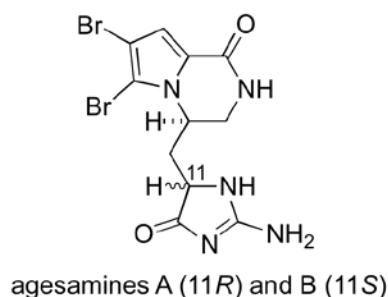
Azasugar    Tetrazole    Ugi-Azide Reaction    Synthesis

- 551 **Conformational Control of a Pyrrole-Based Amide Pentamer by Dihydrogen Phosphate Anion Binding**  
Jiulong Li, Guoping Li,\* Chaocao Lu, Bu Htan, Chunmiao Ma, and Quan Gan\*



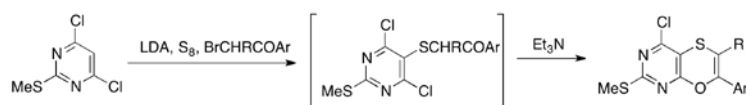
Conformational Control    Amide Oligomer    Anion Binding

- 558 **Agesamines A and B, New Dibromopyrrole Alkaloids from the Sponge *Agelas* sp.**  
Ayako Katsuki, Hikaru Kato, Yuji Ise, Fitje Losung, Remy E. P. Mangindaan, and Sachiko Tsukamoto\*



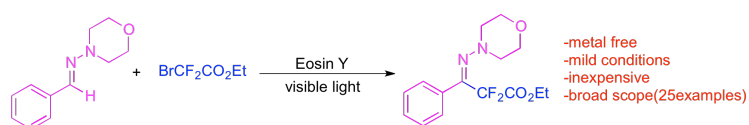
Dibromopyrrole Alkaloid    Sponge    *Agelas* sp.

- 564 **Synthesis of [1,4]Oxathiino[2,3-*d*]pyrimidines Starting with 4,6-Dichloro-2-(methylsulfanyl)pyrimidine**  
Kazuhiro Kobayashi,\* Kota Yamasaki, Hidetaka Hiyoshi, and Kazuto Umezu



[1,4]Oxathiino[2,3-*d*]pyrimidine    4,6-Dichloro-2-(methylsulfanyl)pyrimidine (DCSMP)    Lithiation    Sulfur    Ring Closure

- 570 **Visible-Light-Enabled C(*sp*<sup>2</sup>)-H Difluoroalkylation of Aldehyde-Derived Hydrazones Under Metal-Free Conditions**  
Wen-Qiang Liu, Wei-Hao Chen, Xiao-Xuan Li, Wei-Ke Tang, Ting-Ting Tao, and Yi-Si Feng\*



Difluoromethylation    Photocatalytic Reaction    Hydrazone    Metal-Free Reaction    Eosin Y

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 583 Polyketides  
585 Aromatics  
589 Alkaloids  
599 Miscellaneous
- 

■ BRUSH UP YOUR HETEROCYCLES

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- 601 Brush Up Your Heterocycles
- 

■ ADDITIONS AND CORRECTIONS

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- 617 Correction to "Facile and Efficient Access to Tetrahydrobenzo[*b*]pyrans Catalyzed by *N,N*-Dimethylbenzylamine": HETEROCYCLES, 2016, 92, 75, DOI: 10.3987/COM-15-13360  
Hamzeh Kiyani\* and Mozhgan Sadat Jalali
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- 618** Correction to “One-Pot and Efficient Synthesis of 5-Aminopyrazole-4-carbonitriles Catalyzed by Potassium Phthalimide”: HETEROCYCLES, 2017, 94, 276, DOI: 10.3987/COM-16-13623  
Hamzeh Kiyani\* and Maryam Bamdad

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- 619** Correction to “Synthesis of Erlenmeyer-Plöchl Azlactones Promoted by 5-Sulfosalicylic Acid”: HETEROCYCLES, 2017, 94, 1314, DOI: 10.3987/COM-17-13711  
Hamzeh Kiyani\* and Shiva Aslanpour

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- 620** Correction to “Sulfanilic Acid-Catalyzed Green Synthesis of 4-Arylidene-2-phenyl-5(4*H*)-oxazolones”: HETEROCYCLES, 2018, 96, 297, DOI: 10.3987/COM-17-13847  
Hamzeh Kiyani\* and Shiva Aslanpour
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