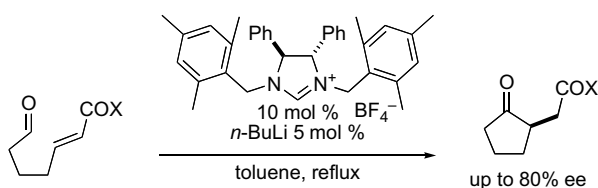


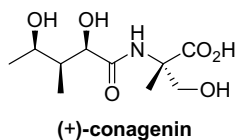
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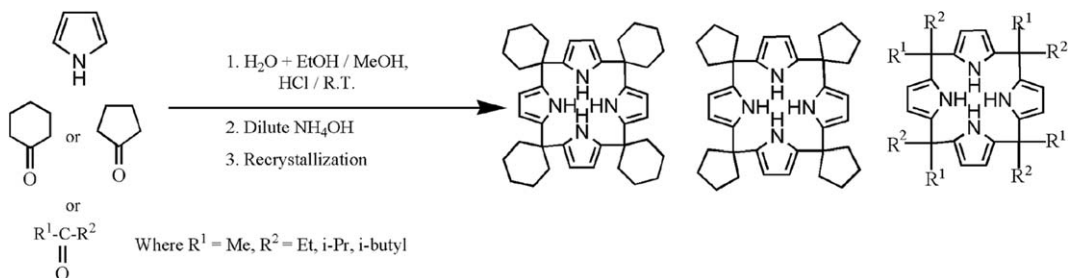
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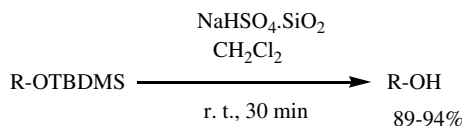
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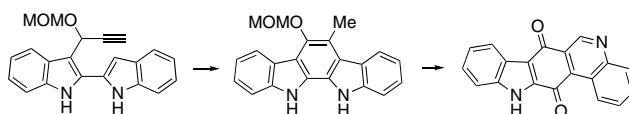
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**A biomimetic synthesis of the indolo[3,2-*j*]phenanthridine alkaloid, calothrixin B**

pp 5859–5861

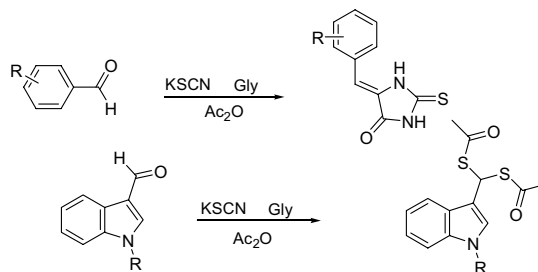
Akira Yamabuki, Hikohito Fujinawa, Tominari Choshi, Shigeo Tohyama, Kohji Matsumoto, Kana Ohmura, Junko Nobuhiro and Satoshi Hibino\*



**A multicomponent reaction efficiently producing arylmethylene 2-thiohydantoin**

pp 5863–5866

Sharad Porwal, Rishi Kumar, Prakas R. Maulik and Prem M. S. Chauhan\*



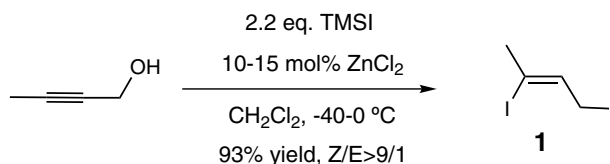
A multicomponent reaction that converts aryl/heteroaryl aldehydes efficiently into phenylmethylene 2-thiohydantoin is described. 3-Formylindole behaves exceptionally giving a *gem*-diacetylthio derivative.



**Selective one-pot synthesis of *Z*-iodoallylic iodides from propargyl alcohols**

pp 5867–5868

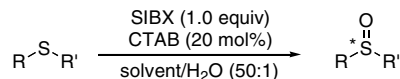
Govindaswamy Manickam, Umesh Siddappa and Yong Li\*



**Safe oxidation of sulfides into sulfoxides using SIBX**

Aurélie Ozanne-Beaudenon and Stéphane Quideau\*

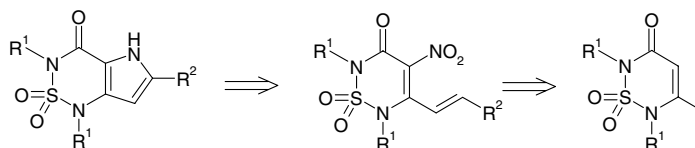
pp 5869–5873



**First synthesis of pyrrolothiadiazinones. An alternative core ring for xanthine based structures**

Cristina Esteve and Bernat Vidal\*

pp 5875–5877

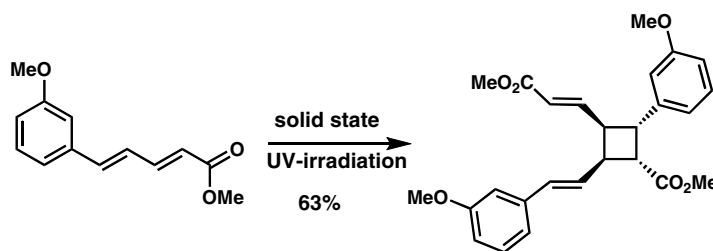


A straightforward synthesis of novel condensed pyrrolothiadiazines is described.

**Photochemical studies on ladderane formation from conjugated esters in solution or solid phase**

Vincent Mascitti and E. J. Corey\*

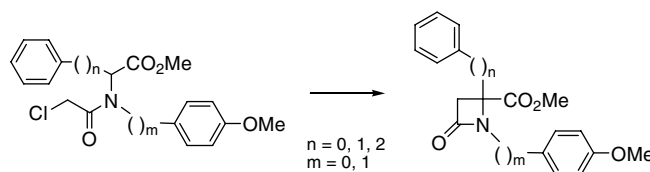
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**β-Lactams derived from phenylalanine and homologues: effects of the distance between the aromatic rings and the α-stereogenic reactive center on the memory of chirality**

M. Angeles Bonache, Carlos Cativiela, M. Teresa García-López and Rosario González-Muñiz\*

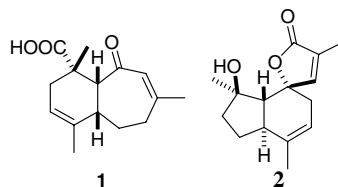
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**Sinularianins A and B, novel sesquiterpenoids from the Formosan soft coral *Sinularia* sp.**

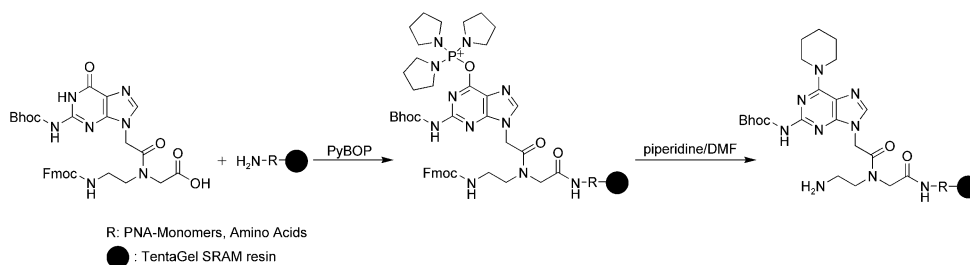
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Chih-Hua Chao, Chi-Hua Hsieh, Shin-Pin Chen, Chung-Kuang Lu, Chang-Feng Dai and Jyh-Horng Sheu\*

**Modification of guanine residues in PNA-synthesis by PyBOP**

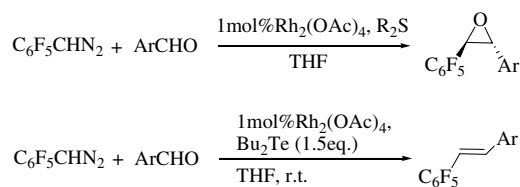
pp 5893–5896

Stephan Pritz,\* Yvonne Wolf, Clementine Klemm and Michael Bienert

**Rh<sub>2</sub>(OAc)<sub>4</sub>-catalyzed formation of *trans*-alkenes from the reaction of aldehydes with perfluorophenyl diazomethane through tellurium ylide**

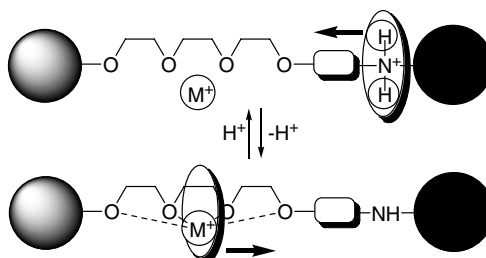
pp 5897–5900

Shifa Zhu, Chunhui Xing, Wan Pang and Shizheng Zhu\*

**A molecular switch based on acid and base promoted, cation governed binding in a crown ether threaded rotaxane**

pp 5901–5904

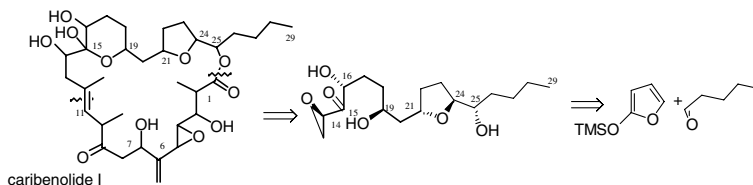
Yuji Tokunaga,\* Tatsuya Nakamura, Megumi Yoshioka and Youji Shimomura



**Contribution to the total synthesis of caribenolide I**

pp 5905–5908

Gaël Jalce, Xavier Franck,\* Blandine Seon-Meniél, Reynald Hocquemiller and Bruno Figadère\*

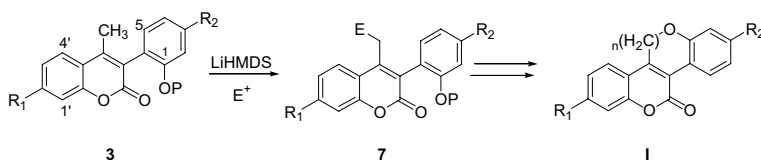


The C<sub>13</sub>–C<sub>29</sub> fragment of caribenolide I was prepared with a total control of the configuration of 5 stereogenic centres (out of 6). The key steps rely on the use of a chiral oxazolidin-2-thione for a highly diastereoselective C-glycosylation, and the vinylogous Mukayama aldol reaction.

**Synthesis of novel tetracyclic chromenes through carbanion chemistry of 4-methyl coumarins**

pp 5909–5913

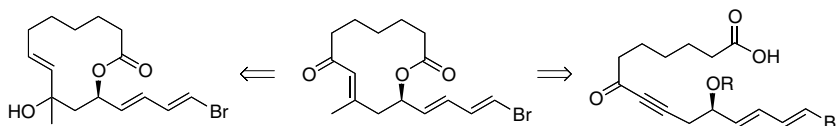
Ningyi Chen, Nareshkumar Jain,\* Jiayi Xu, Michael Reuman, Xun Li, Ronald K. Russell and Zhihua Sui



**Model studies on the ring construction of the auriside macrolactone**

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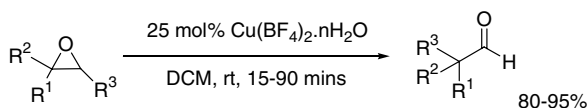
Rodolfo Tello-Aburto, Adrián Ochoa-Teran and Horacio F. Olivo\*



**Highly efficient Meinwald rearrangement reactions of epoxides catalyzed by copper tetrafluoroborate**

pp 5919–5921

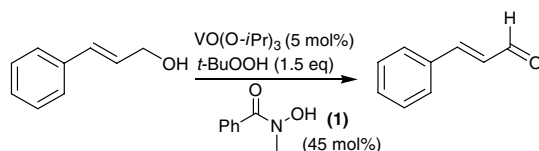
Mathew W. C. Robinson, Kathryn S. Pillinger and Andrew E. Graham\*



### Tuning the oxidation properties of vanadium(V) through ligand stoichiometry

pp 5923–5926

Wei Zeng, T. Eric Ballard and Christian Melander\*



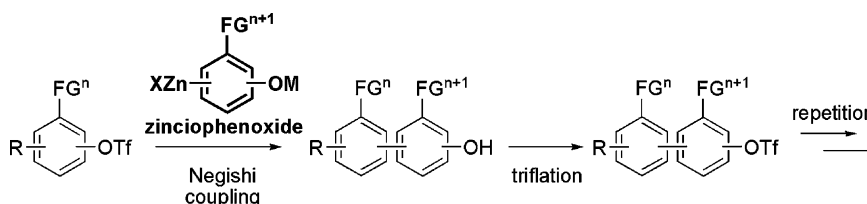
Vanadium(V) (5 mol %) and hydroxamic acid ligand (45 mol %) were found to promote the selective *tert*-butyl hydroperoxide-mediated oxidation of allylic and propargylic alcohols to the corresponding aldehydes and ketones.



### Negishi coupling strategy of a repetitive two-step method for oligoarene synthesis

pp 5927–5931

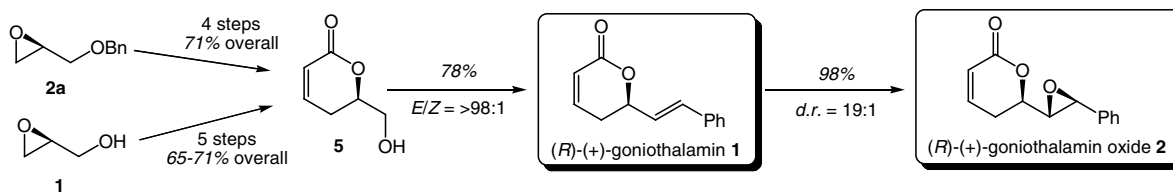
Haruka Shimizu and Kei Manabe\*



### Total synthesis of (*R*)-(+)-goniothalamine and (*R*)-(+)-goniothalamine oxide: first application of the sulfoxide-modified Julia olefination in total synthesis

pp 5933–5937

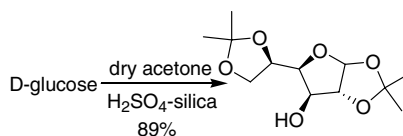
Jiří Pospíšil and István E. Markó\*



### Sulfuric acid immobilized on silica: an efficient reusable catalyst for the synthesis of *O*-isopropylidene sugar derivatives

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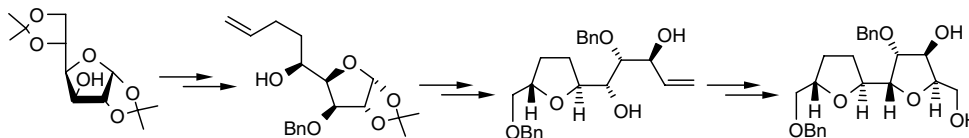
Vishal Kumar Rajput and Balaram Mukhopadhyay\*



**Double intramolecular oxymercuration: stereoselective synthesis of highly substituted bis-tetrahydrofuran**

pp 5943–5947

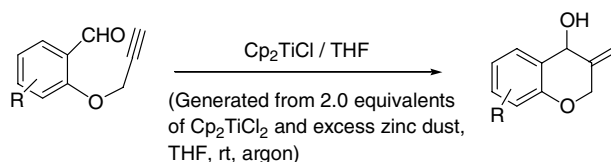
Debendra K. Mohapatra,\* Seetaram Mohapatra and Mukund K. Gurjar



**Radical promoted cyclizations of aromatic carbonyl compounds to benzopyrans using titanocene(III) chloride**

pp 5949–5951

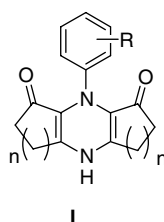
Samaresh Jana and Subhas Chandra Roy\*



**Application of carbenoid N–H insertion in the synthesis of the tricyclic 1,4-dihydropyrazines**

pp 5953–5955

Xuqing Zhang\* and Zhihua Sui

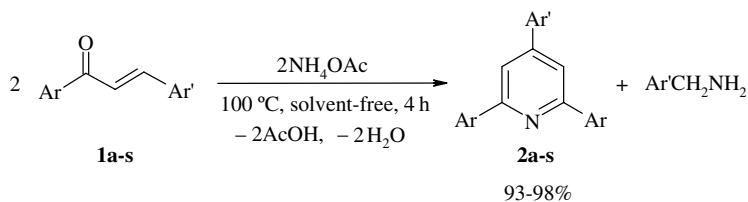


The N–H insertion of the substituted anilines with 2-diazo-1,3-cyclohexanedione or 2-diazo-1,3-cyclopentanedione and subsequent cyclization enabled an efficient synthesis of a novel series of tricyclic 1,4-dihydropyrazines (I).

**Kröhnke pyridines: an efficient solvent-free synthesis of 2,4,6-triarylpyridines**

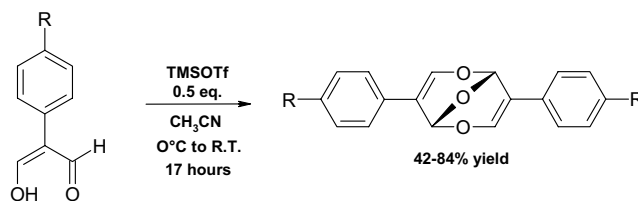
pp 5957–5960

Mehdi Adib,\* Hasan Tahermansouri, Somayeh Aali Koloogani, Bagher Mohammadi and Hamid Reza Bijanzadeh



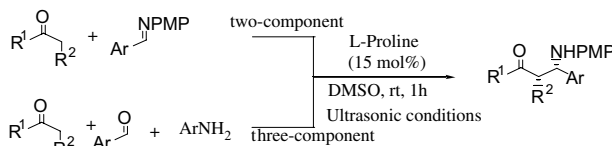
**A new simple and convenient method for the synthesis of substituted 2,6,9-trioxabicyclo[3.3.1]-nona-3,7-dienes from arylmalondialdehydes** pp 5961–5964

Anthony Fernandes, Jérôme Marrot, Jean-Pierre Gesson and Sébastien Papot\*



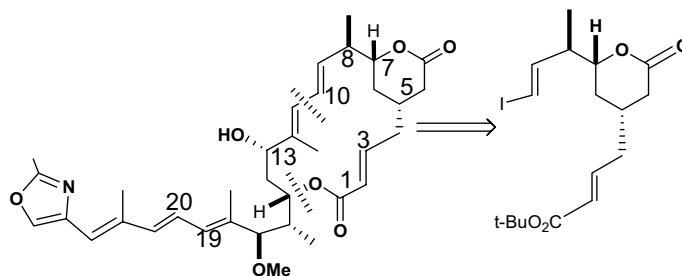
**Proline catalyzed two-component, three-component and self-asymmetric Mannich reactions promoted by ultrasonic conditions** pp 5965–5967

M. Lakshmi Kantam,\* Ch. V. Rajasekhar, G. Gopikrishna, K. Rajender Reddy and B. M. Choudary\*



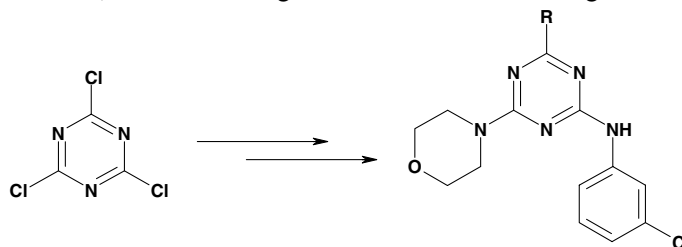
**Stereoselective synthesis of the C1–C10 fragment of rhizoxin D** pp 5969–5971

Srinivas Padakanti, Manojit Pal, K. Mukkanti and Javed Iqbal\*



**Synthetic strategies to prepare 2-alkyl, 2-aryl and 2-acetylenyl substituted 4,6-diamino-1,3,5-triazines** pp 5973–5975

Christian A. G. N. Montalbetti,\* Thomas S. Coulter, Muhammed K. Uddin, Serge G. Reignier, Filippo Magaraci, Charlotta Grånäs, Christian Krog-Jensen and Jakob Felding



R=Carbon based substituents

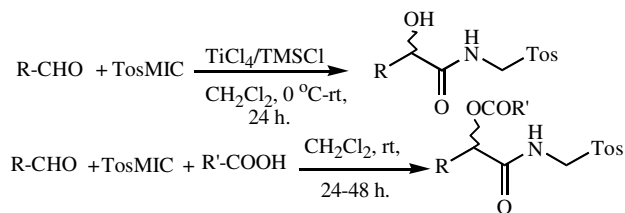
Strategies for introduction of malonyl, aryl or alkynyl substituents onto a triazine ring are described.



**Diastereoselective Passerini reactions using *p*-toluenesulfonylmethyl isocyanide (TosMIC) as the isonitrile component**

pp 5977–5980

Palakodety Radha Krishna,\* G. Dayaker and P. V. Narasimha Reddy

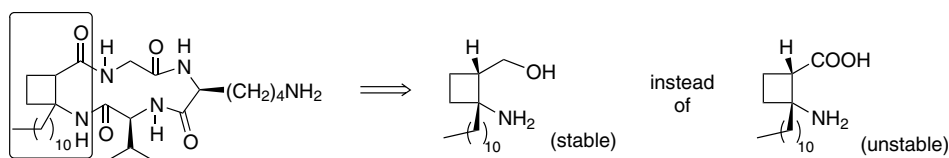


TosMIC is used for the first time as the isonitrile component in a diastereoselective Passerini reaction with sugar-derived aldehydes.

**A solution to the component instability problem in the preparation of peptides containing C2-substituted *cis*-cyclobutane  $\beta$ -aminoacids: synthesis of a stable rhodopeptin analogue**

pp 5981–5984

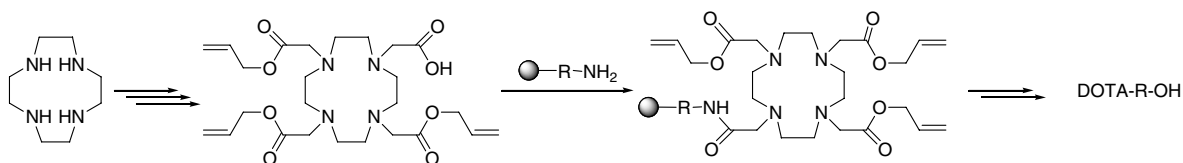
Olivier Roy, Sophie Faure and David J. Aitken\*



**Application of tris-allyl-DOTA in the preparation of DOTA-peptide conjugates**

pp 5985–5988

Björn Wängler,\* Carmen Beck, Ulrike Wagner-Utermann, Esther Schirmmacher, Claudia Bauer, Frank Rösch, Ralf Schirmmacher and Michael Eisenhut

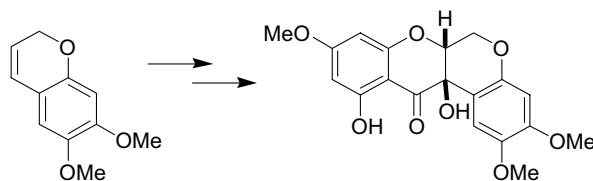


The synthesis of a tris-allyl-DOTA and its application in the synthesis of DOTA-TATE, DOTA-TOC, and DOTA-RGD peptide is reported.

**Total synthesis of 6-deoxyclitoriacetal isolated from *Stemona collinsae* Craib.**

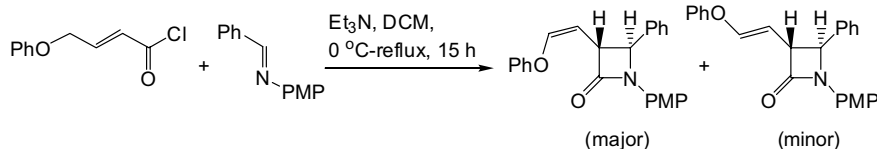
pp 5989–5991

Prapas Khorphueng, Jumreang Tummatorn, Amorn Petsom, Richard J. K. Taylor and Sophon Roengsumran\*



**$\gamma$ -Heteroatom directed stereocontrolled Staudinger cycloaddition reaction of vinylketenes and imines** pp 5993–5996

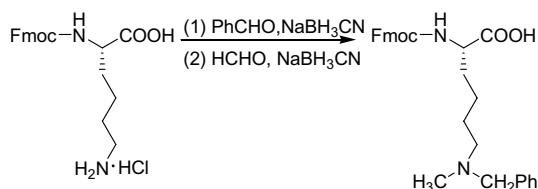
Aarif L. Shaikh, Vedavati G. Puranik and A. R. A. S. Deshmukh\*




Vinylketenes possessing a  $\gamma$ -heteroatom, on Staudinger cycloaddition reaction with imines, gave *trans*-3-vinyl- $\beta$ -lactams in very good yields. The vinyl side chain stereoselectively adopts the *Z*-configuration in the transition state to stabilize the vinylketene and produces, exclusively, *trans*-3-vinyl- $\beta$ -lactams.


**Facile synthesis of  $N^{\epsilon}$ -(benzyl, methyl)-lysine as a building block for site-specifically lysine monomethylated peptides** pp 5997–5999

Zhi-Ping Huang, Xiao-Yang Su, Jin-Tang Du, Yu-Fen Zhao and Yan-Mei Li\*



Preparation of  $N^{\epsilon}$ -Fmoc- $N^{\epsilon}$ -(benzyl, methyl)-lysine, a building block for monomethylated peptide synthesis, is described. 

\*Corresponding author

 Supplementary data available via ScienceDirect

Full text of this journal is available, on-line from **ScienceDirect**. Visit [www.sciencedirect.com](http://www.sciencedirect.com) for more information.

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