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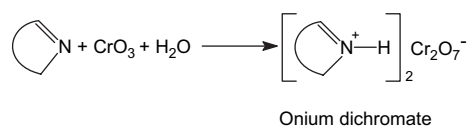
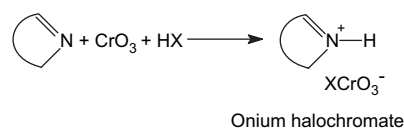
REPORT

**Chromium(VI) oxidants having quaternary ammonium ions: studies on synthetic applications and oxidation kinetics**

pp 4367–4406

Sabita Patel and B. K. Mishra\*

Synthetic applications and reaction kinetics of oxidation reactions by using onium halochromates and dichromates have been reviewed.



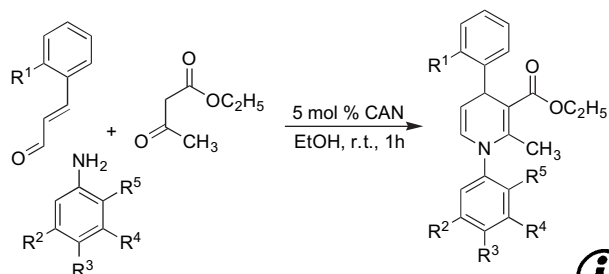
ARTICLES

**A new three-component domino synthesis of 1,4-dihydropyridines**

pp 4407–4413

Vellaisamy Sridharan, Paramasivan T. Perumal, Carmen Avendaño and J. Carlos Menéndez\*

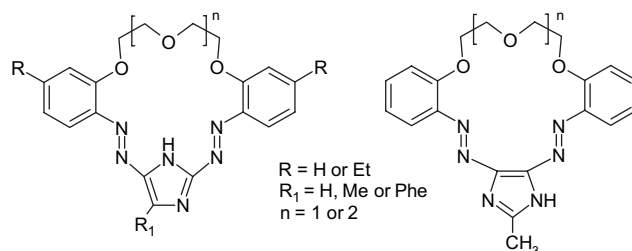
The CAN-catalyzed reaction between anilines,  $\alpha,\beta$ -unsaturated aldehydes, and  $\beta$ -dicarbonyl compounds affords 1,4-diaryl-1,4-dihydropyridines in good yields.



**Azomacrocyclic derivatives of imidazole: synthesis, structure, and metal ion complexation properties**

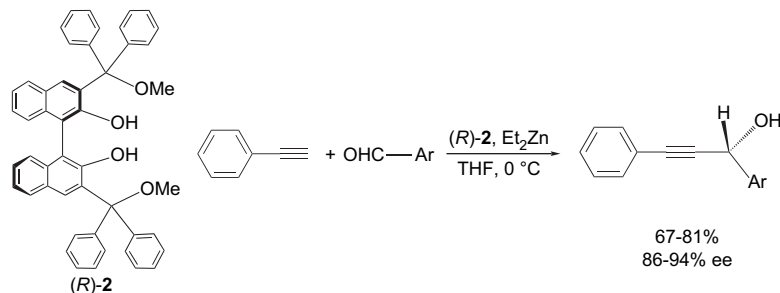
pp 4414–4421

Ewa Wagner-Wysiecka,\* Marzena Jamrógiewicz, Marina S. Fonari and J. F. Biernat



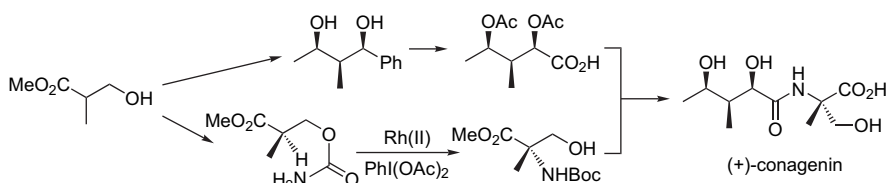
**1,1'-Binaphthyl ligands with bulky 3,3'-tertiaryalkyl substituents for the asymmetric alkyne addition to aromatic aldehydes** pp 4422–4428

Qin Wang, Shan-Yong Chen, Xiao-Qi Yu\* and Lin Pu\*

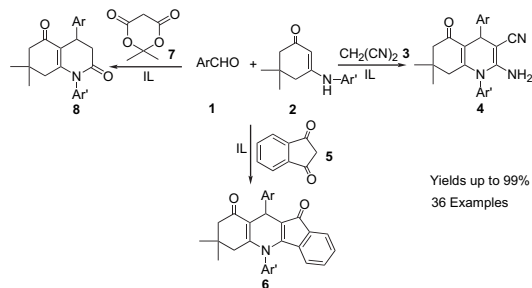

**Synthesis of an immunomodulator (+)-conagenin and its analogs**

pp 4429–4438

Takayuki Yakura,\* Yuya Yoshimoto, Chisaki Ishida and Shunsuke Mabuchi


**Three-component green synthesis of *N*-arylquinoline derivatives in ionic liquid [Bmim<sup>+</sup>][BF<sub>4</sub><sup>-</sup>]: reactions of arylaldehyde, 3-arylamino-5,5-dimethylcyclohex-2-enone, and active methylene compounds** pp 4439–4449

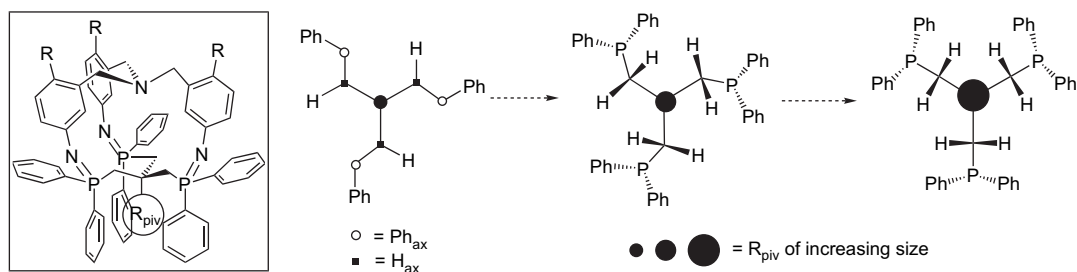
Xiang-Shan Wang,\* Mei-Mei Zhang, Hong Jiang, Chang-Sheng Yao and Shu-Jiang Tu



Three series of *N*-arylquinoline derivatives were synthesized by the three-component reactions of arylaldehyde, 3-arylamino-5,5-dimethylcyclohex-2-enone, and active methylene compounds including malononitrile, Meldrum's acid, and 1,3-indenedione in ionic liquid [bmim<sup>+</sup>][BF<sub>4</sub><sup>-</sup>] at 90 °C.

**Modulating the propeller-like shape of a tripodal C(CH<sub>2</sub>PPh<sub>2</sub>)<sub>3</sub> fragment by the size of the substituent at the pivotal carbon atom in macrobicyclic tri-λ<sup>5</sup>-phosphazenes** pp 4450–4458

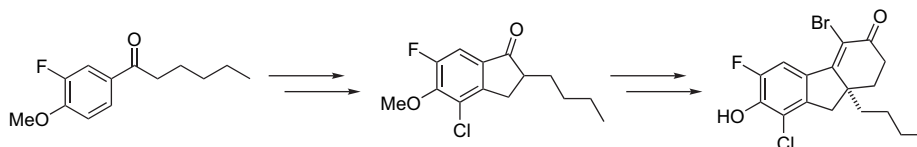
Mateo Alajarín,\* Carmen López-Leonardo\* and José Berná



**Synthesis of a selective estrogen receptor  $\beta$ -modulator via asymmetric phase-transfer catalysis**

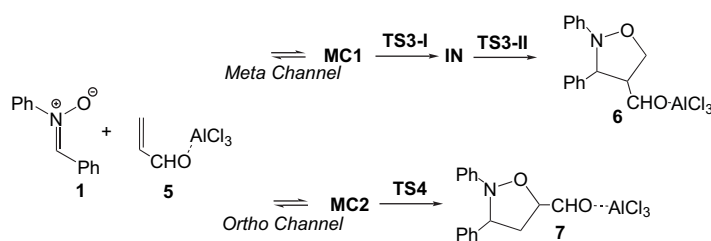
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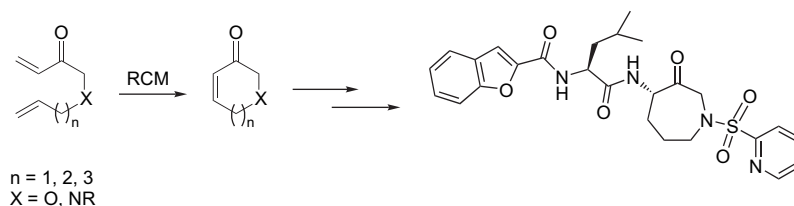
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Luis Ramón Domingo,\* Wafaa Benchouk and Sidi Mohamed Mekelleche\*

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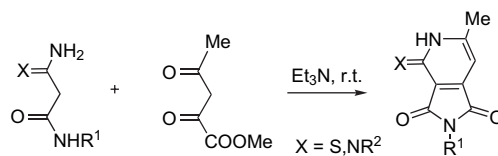
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Catherine Taillier, Thomas Hameury, Véronique Bellosta\* and Janine Cossy\*

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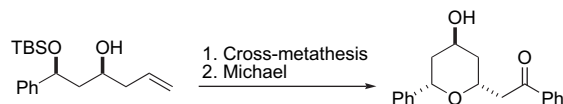
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**Synthesis of diospongin A**

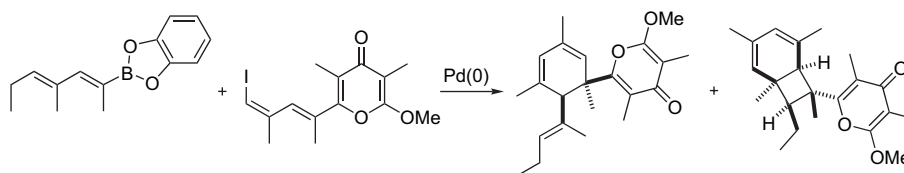
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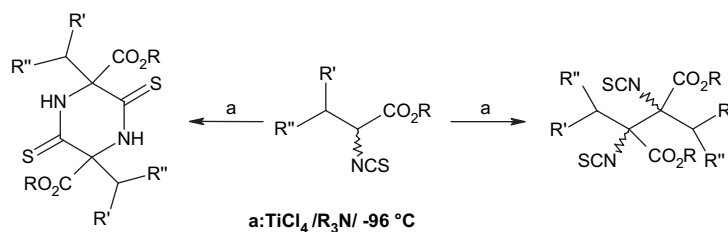
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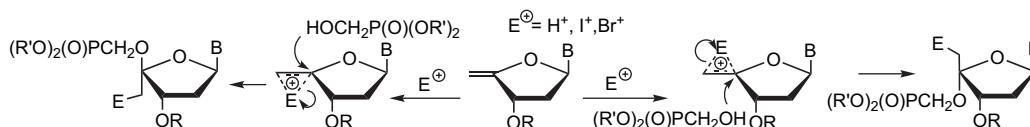
Dariusz Cież

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**Electrophile-promoted addition of hydroxymethylphosphonate to 4',5'-didehydronucleosides: a way to novel isosteric analogues of 5'-nucleotides**

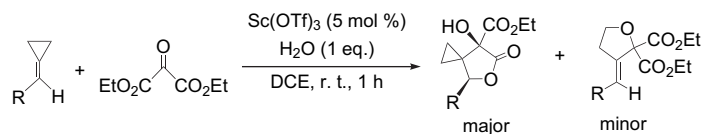
Zdeněk Točík,\* Ivana Dvořáková, Radek Liboska, Miloš Buděšínský, Milena Masojídková and Ivan Rosenberg\*

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### Lewis acid-catalyzed reactions of mono-aryl group substituted methylenecyclopropanes with diethyl ketomalonate

Le-Ping Liu and Min Shi\*



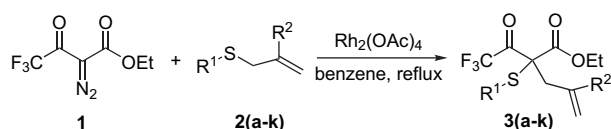
Lewis acid-catalyzed reactions of mono-aryl group substituted methylenecyclopropanes with diethyl ketomalonate in the presence of water under mild conditions.



### Rh(II)-catalyzed formation and rearrangement of trifluoroacetyl-containing sulfur ylides

Wan Pang, Shifa Zhu, Huanfeng Jiang\* and Shizheng Zhu\*

pp 4543–4547

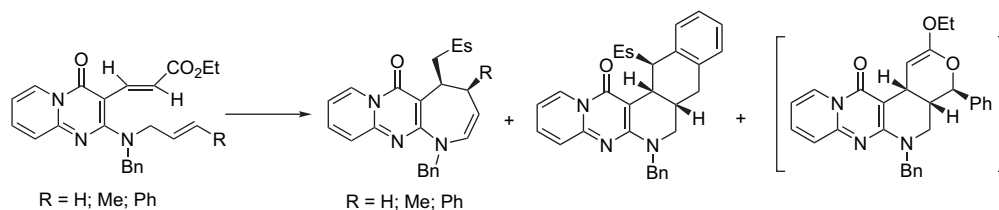


A facile, convenient, efficient, and high yielding Rh(II)-catalyzed formation and rearrangement of trifluoroacetyl-containing sulfur ylides are reported.

### Competitive thermal ene reaction and Diels–Alder reactions of 2-[N-(alk-2-enyl)benzylamino]-3-vinylpyrido[1,2-a]pyrimidin-4(4H)-ones

Michihiko Noguchi,\* Toshiya Sunagawa, Ryosuke Akao, Hisashi Yamada, Hidetoshi Yamamoto and Akikazu Kakehi

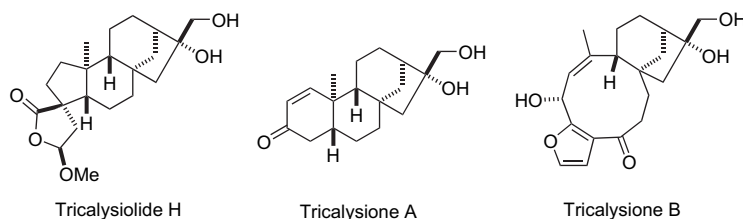
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### Three new diterpenoids, tricalysiolide H and tricalysiones A and B, from *Tricalysia dubia*

Koichi Nishimura, Yukio Hitotsuyanagi, Kei-ichi Sakakura, Kazuya Fujita, Shigeki Tachihara, Haruhiko Fukaya, Yutaka Aoyagi, Tomoyo Hasuda, Takeshi Kinoshita and Koichi Takeya\*

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\*Corresponding author

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