

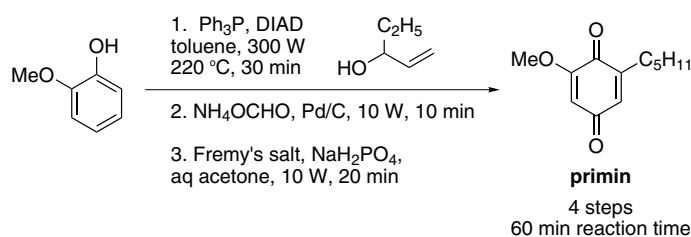
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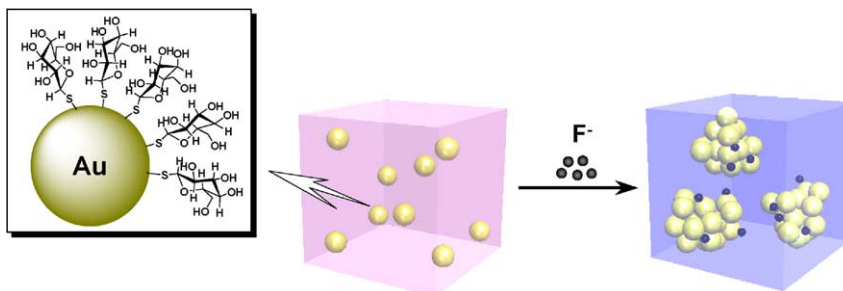
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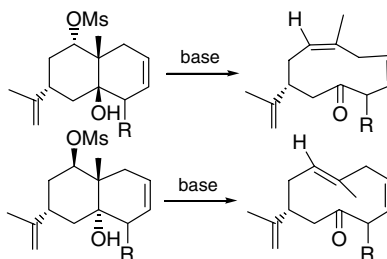
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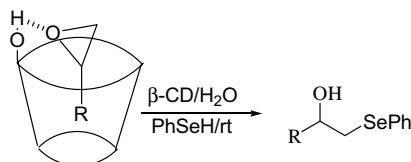
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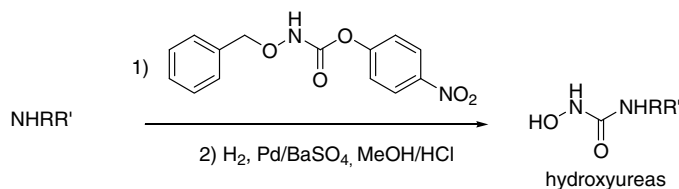
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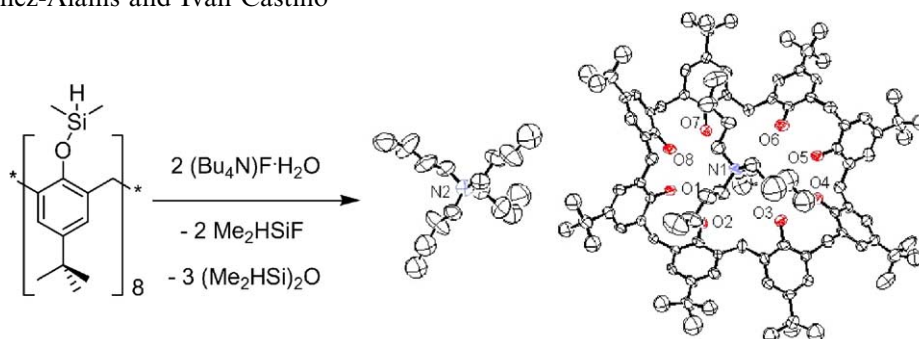
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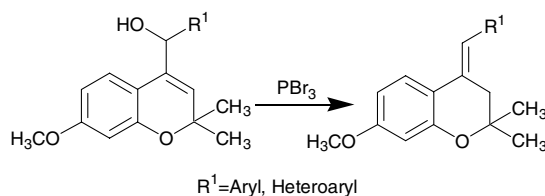
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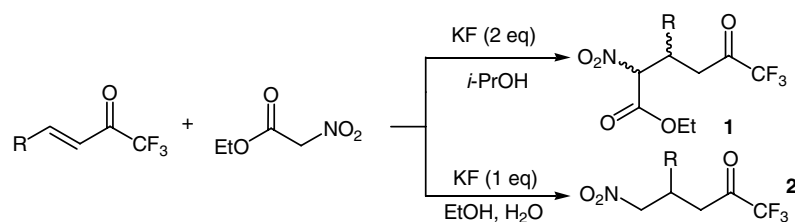
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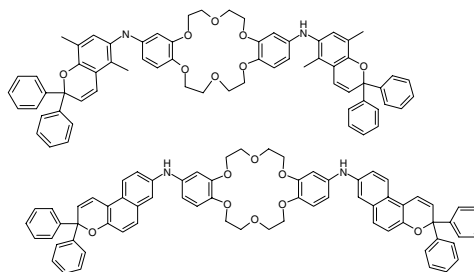
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**Functionalization of aminocrown ethers with [2H]-chromene units by Buchwald–Hartwig C–N coupling for constructing of photoswitchable molecular devices**

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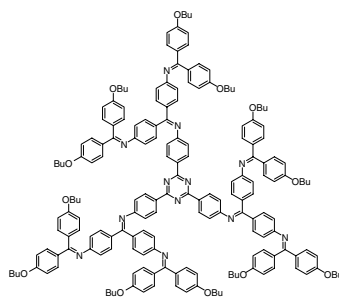
Ekaterina A. Shilova,* Corinne Moustrou and André Samat

A novel crowned [2H]-chromenes were developed. Buchwald–Hartwig C–N coupling has been used for the synthesis of macrocyclic system based on *cis*-4,4'-diaminodibenzocrown ether carrying two [2H]-chromene units.

**Synthesis and electrochemical characterization of donor–acceptor phenylazomethine dendrimers**

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Rafael Juárez, Rafael Gómez, José L. Segura* and Carlos Seoane*

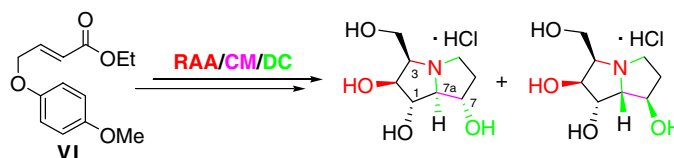


The synthesis and electrochemical behaviour of the first donor–acceptor phenylazomethine dendrimers is described.

A general asymmetric route for the synthesis of the alexine and australine family of pyrrolizidine alkaloids. The first asymmetric synthesis of 1,2-diepi-alexine and 1,2,7-triepi-australine

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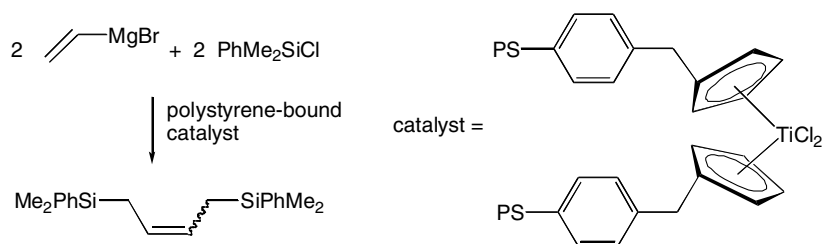
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Catalytically active, recyclable polymeric titanocene disks: a batch-flow reactor

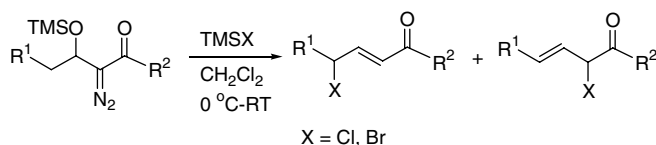
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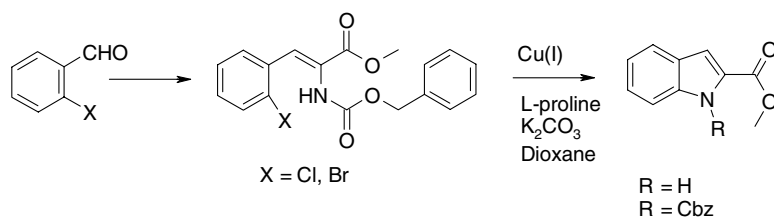
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Fengping Xiao, Zhenhua Zhang, Jian Zhang and Jianbo Wang*

**Cu(I)-catalyzed intramolecular cyclization of ene-carbamates: synthesis of indoles and pyrrolo[2,3-*c*]pyridines**

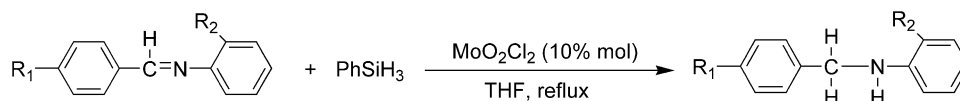
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Claude Barberis, Thomas D. Gordon, Christine Thomas, Xiaolei Zhang and Kevin P. Cusack*

**A novel method for the reduction of imines using the system silane/MoO₂Cl₂**

pp 8881–8883

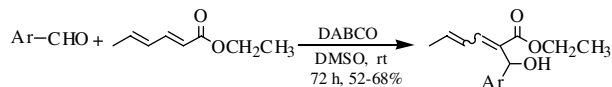
Ana C. Fernandes* and Carlos C. Romão



Novel protocol for the generation of β -branched Baylis–Hillman adducts from ethyl sorbate and aryl aldehydes

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Palakodety Radha Krishna,* M. Narsingam, P. Srinivas Reddy, G. Srinivasulu and A. C. Kunwar

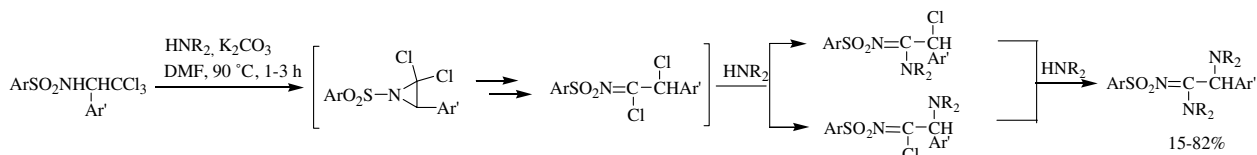


A DABCO-catalyzed protocol for the generation of β -branched Baylis–Hillman adducts in moderate yields (52–68%) as *E/Z* mixtures from commercially available dienoates like ethyl sorbate and aryl aldehydes is reported.

Amidine derivatives of α -arylglycines from *N*-(1-aryl-2,2,2-trichloroethyl)amides of arenesulfonic acids and secondary amines

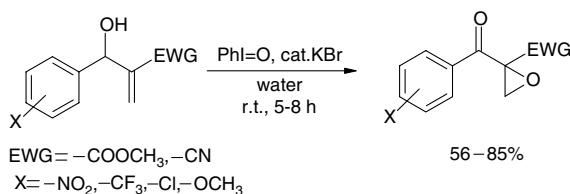
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Igor B. Rozentsveig,* Galina G. Levkovskaya, Gulnur N. Rozentsveig, Anna N. Mirskova, Leonid B. Krivdin, Ludmila I. Larina and Aleksandr I. Albanov

**Organic reactions in water: an efficient one-pot synthesis of acyloxiranes from Baylis–Hillman adducts using hypervalent iodine**

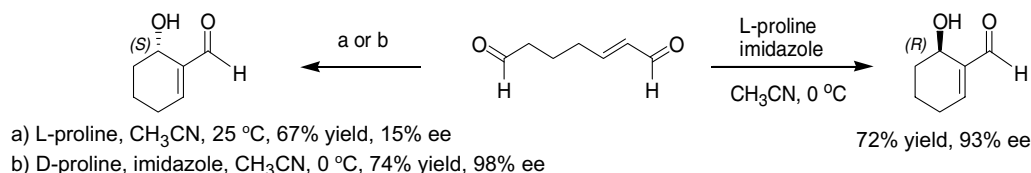
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Biswanath Das,* Harish Holla, Katta Venkateswarlu and Anjoy Majhi

**An unexpected inversion of enantioselectivity in the proline catalyzed intramolecular Baylis–Hillman reaction**

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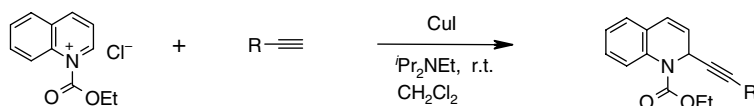
Shang-Hung Chen, Bor-Cherng Hong,* Cheng-Feng Su and Sepehr Sarshar



Facile addition of alkynes to aza-aromatic systems: a new protocol for the preparation of 2-alkynyl-1,2-dihydroquinolines

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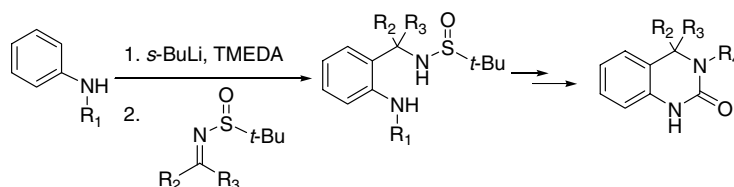
J. S. Yadav,* B. V. S. Reddy, M. Sreenivas and K. Sathaiah



Asymmetric synthesis of dihydroquinazolinones via directed *ortho* metalation and addition to *tert*-butanesulfinyl imines

pp 8909–8912

Hemaka A. Rajapakse,* Mary Beth Young, Hong Zhu, Samantha Charlton and Nancy N. Tsou



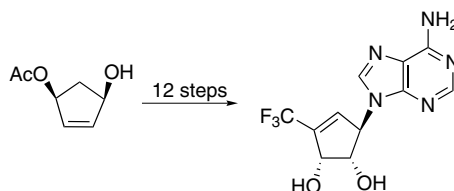
An asymmetric route to dihydroquinazolinones via the addition of *ortho* metalated substrates to *tert*-butanesulfinyl imines is reported.



Enantiospecific synthesis of 5',5',5'-trifluoro-5'-deoxyneplanocin A

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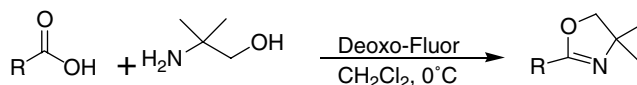
Atanu Roy and Stewart W. Schneller*



One pot direct synthesis of amides or oxazolines from carboxylic acids using Deoxo-Fluor reagent

pp 8917–8920

Cyrus O. Kangani* and David E. Kelley

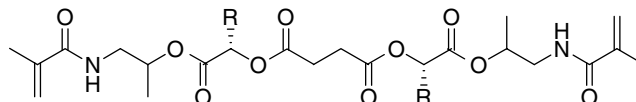


A mild and highly efficient one pot–one step condensation and/or condensation–cyclization of various acids to amides and/or oxazolines using Deoxo-Fluor reagents is described. Parallel syntheses of various free fatty acids with 2-amino-2, 2-dimethyl-1-propanol resulted with excellent yields.

Symmetrical biodegradable crosslinkers for use in polymeric devices

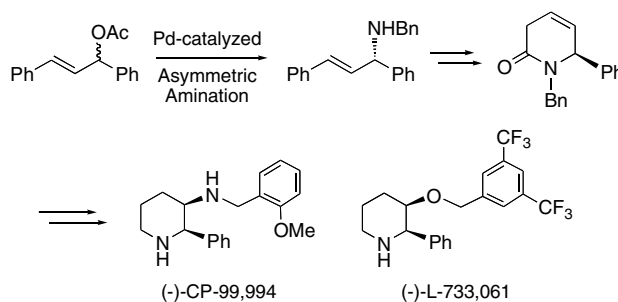
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Allen A. Thomas, In Tae Kim and Patrick F. Kiser*

**A concise and practical catalytic asymmetric synthesis of (–)-CP-99,994 and (–)-L-733,061**

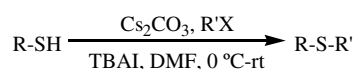
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Kouichi Takahashi, Hiroto Nakano* and Reiko Fujita

**A mild and highly convenient chemoselective alkylation of thiols using Cs₂CO₃–TBAI**

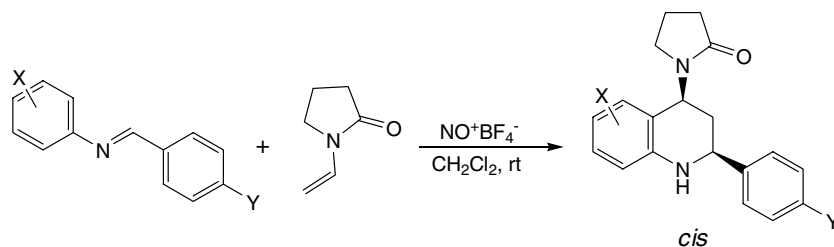
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Ralph Nicholas Salvatore,* Robert A. Smith, Adam K. Nischwitz and Terrence Gavin

**Nitrosonium (NO⁺) initiated and cation radical-mediated imino Diels–Alder reaction**

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Yulu Zhou, Xiaodong Jia, Rui Li, Zhengang Liu, Zhongli Liu and Longmin Wu*

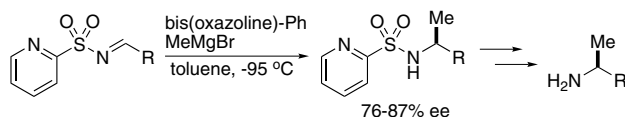


Nitrosonium initiated and cation radical-mediated imino Diels–Alder reaction yielded regiospecifically *cis*-4-(2-oxopyrrolidin-1-yl)-tetrahydroquinolines in various yields.

Enantioselective nucleophilic addition to *N*-(2-pyridylsulfonyl)imines by use of dynamically induced chirality

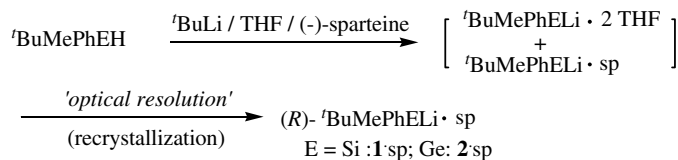
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Hideki Sugimoto, Shuichi Nakamura, Masataka Hattori, Sachiko Ozeki, Norio Shibata and Takeshi Toru*

**Convenient access to optically active silyl- and germyllithiums: synthesis, absolute structure, and reactivity**

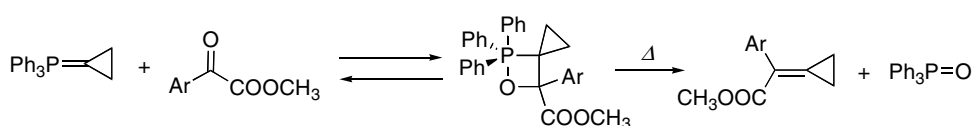
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Masato Nanjo,* Masayuki Maehara, Yuhei Ushida, Yuko Awamura and Kunio Mochida*

**First isolation and characterization of 1,2-oxaphosphetanes with three phenyl groups at the phosphorus atom in typical Wittig reaction using cyclopropylidenetriphenylphosphorane**

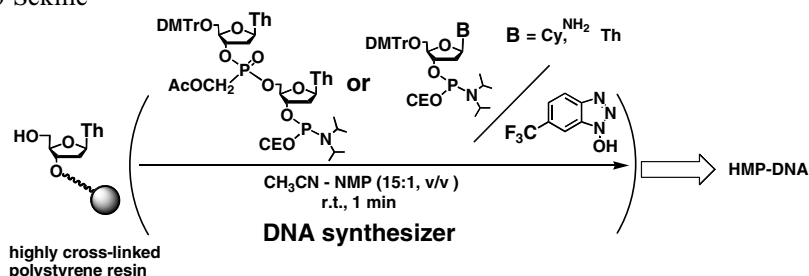
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Masashi Hamaguchi,* Yuji Iyama, Eiko Mochizuki and Takumi Oshima

**Synthesis of oligodeoxyribonucleotides containing hydroxymethylphosphonate bonds in the phosphoramidite method and their hybridization properties**

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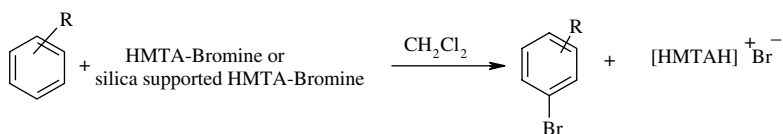
Akihiro Ohkubo, Katsufumi Aoki, Yusuke Ezawa, Yuichi Sato, Haruhiko Taguchi, Kohji Seio and Mitsuo Sekine*



Regioselective and high-yielding bromination of aromatic compounds using hexamethylenetetramine–bromine

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Majid M. Heravi,* Nafiseh Abdolhosseini and Hossein A. Oskooie



A regioselective and highly efficient method for bromination of aromatic compounds in the presence of a stoichiometric amount of hexamethylenetetramine–bromine (HMTAB) as an efficient reagent in dichloromethane is reported.

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Upon exposure to anions, 1-thio-β-D-thiogluco-*c*-capped gold nanoparticle induced the aggregation associated with a visible color change from red to blue, which displayed selective colorimetric detection of fluoride ion in 10 mM HEPES buffer at physiological pH. *Tetrahedron Letters* **2005**, 46, 8827–8829.

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