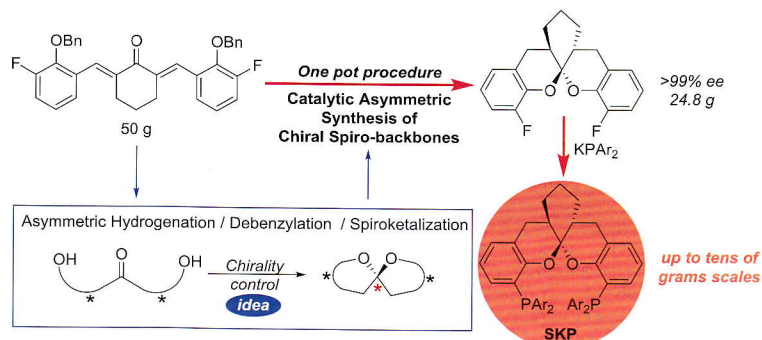


Chemistry Authors Up Close

899

Making Spiroketal-based Diphosphine (SKP) Ligands via a Catalytic Asymmetric Approach



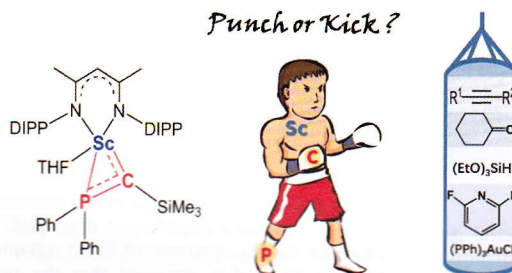
Xiaoming Wang, Kuiling Ding*

The catalytic asymmetric synthesis of chiral aromatic spiroketals and the development of chiral spiroketal-based diphosphine (SKP) ligands have been summarized.

Breaking Reports

904

Are Sc—C and Sc—P Bonds Reactive in Scandium Phosphinoalkylidene Complex? Insights on a Versatile Reactivity

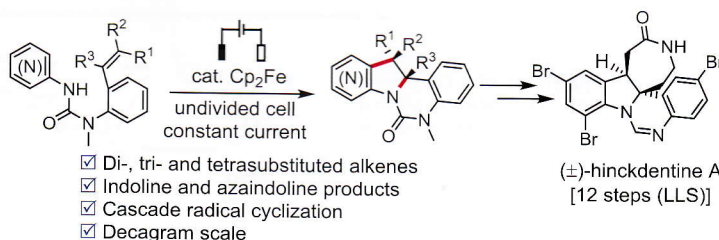


The peculiar electronic structure of scandium phosphinoalkylidene complex [LSc{C(SiMe₃)PPh₂}THF] (L = [MeC(NDIPP)CHC(NDIPP)Me][−]), DIPP = 2,6-(*i*-Pr)₂C₆H₃) leads to an interesting versatile reactivity, which is demonstrated both experimentally and computationally.

Weiqing Mao, Li Xiang, Carlos Alvarez Lamsfus, Laurent Maron,* Xuebing Leng, Yaofeng Chen*

909

Electrochemical Synthesis of (Aza)indolines via Dehydrogenative [3+2] Annulation: Application to Total Synthesis of (±)-Hinckdentine A



Zhong-Wei Hou, Hong Yan, Jin-Shuai Song, Hai-Chao Xu*

Concise Reports

916

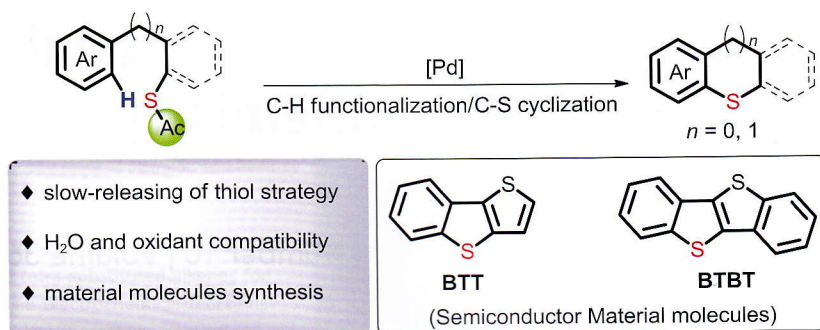
Nickel-Catalyzed Direct Coupling of Allylic Alcohols with Organoboron Reagents



Gaonan Wang, Yi Gan, Yuanhong Liu*

921

Pd-Catalyzed C—S Cyclization via C—H Functionalization Strategy: Access to Sulfur-containing Benzoheterocyclics

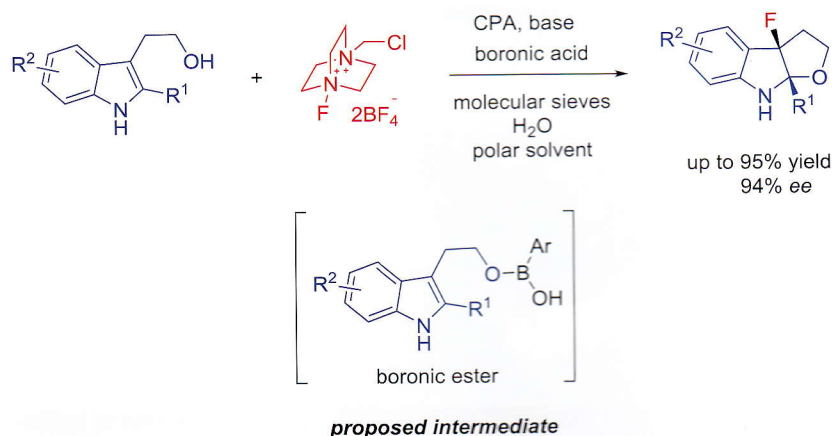


Shihao Chen, Ming Wang, Xuefeng Jiang*

A C—H functionalization/carbon-sulfur cyclization protocol of thioacetates to access the multiple sulfur-containing benzoheterocyclics was developed.

925

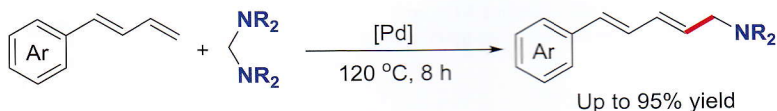
Asymmetric Fluorinative Dearomatization of Tryptophol Derivatives by Chiral Anion Phase-Transfer Catalysis



Xiao-Wei Liang, Yue Cai, Shu-Li You*

929

Palladium-Catalyzed Cascade Double C—N Bond Activation: A New Strategy for Aminomethylation of 1,3-Dienes with Aminals

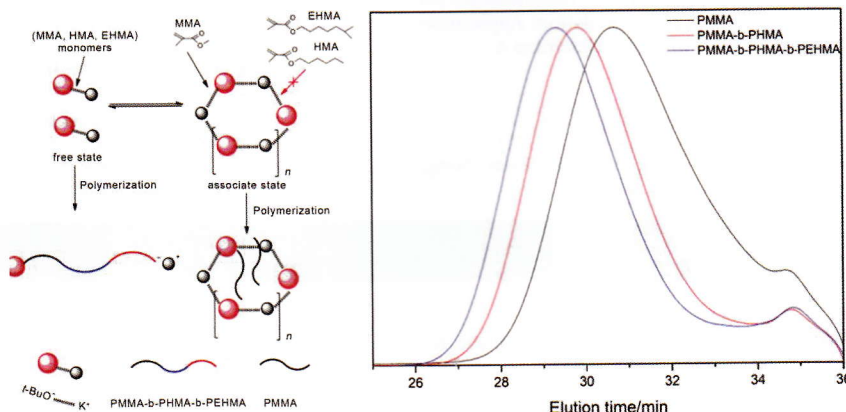


Cuifang Qiao, Anrong Chen, Bingjian Gao, Yang Liu, Hanmin Huang*

A new palladium-catalyzed selective aminomethylation of conjugated 1,3-dienes with aminals via double C—N bond activation is described. This simple method provides an effective and rapid approach for the synthesis of linear α,β -unsaturated allylic amines with perfect regioselectivity. Mechanistic studies disclosed that the reaction proceeds via a cascade double C—N bond activation, in which one single palladium-catalyst realized two distinct C—N bond activation.

934

Synthesis of Block Copolymers of 2-Ethylhexyl Methacrylate, *n*-Hexyl Methacrylate and Methyl Methacrylate via Anionic Polymerization at Ambient Temperature

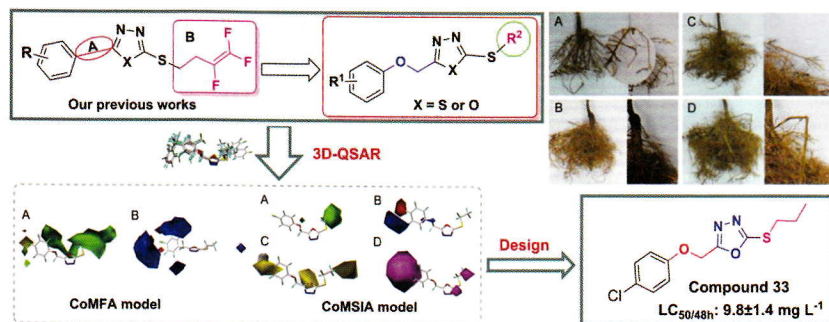


Guijin Zou, Anna Zheng, Dafu Wei,* Zheng Li, Ling Su, Tongyuan Zhang, Xiang Xu, Yong Guan*

The PMMA-b-PHMA-b-PEHMA block copolymer with narrow MWD was synthesized with *t*-BuOK as initiator in THF at 0 °C via anionic polymerization.

939

Synthesis, Nematicidal Activity, and 3D-QSAR of Novel 1,3,4-Oxadiazole/Thiadiazole Thioether Derivatives

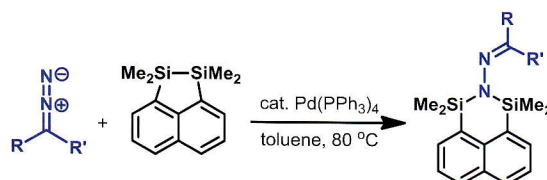


Jixiang Chen, Xiuhai Gan, Chongfen Yi, Shaobo Wang, Yuyuan Yang, Fangcheng He, Deyu Hu, Baoan Song*

Compound **33** was designed based on the CoMFA and CoMSIA models, which exhibited excellent nematicidal activity against *Tylenchulus semipenetrans* and was better than avermectin and fos-thiazate.

945

Palladium(0)-Catalyzed Si—Si Bond Insertion by the Terminal Nitrogen of Diazo Compounds



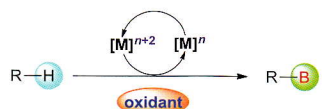
Nitrogen insertion into cyclic Si—Si bonds has been achieved with *N*-tosylhydrazones/diazo compounds as the nitrogen source under Pd(0)-catalyzed conditions.

Zhenxing Liu, Tianren Fu, Jingfeng Huo, Sheng Feng, Jianbo Wang*

Recent Advances

950

Transition Metal Catalyzed Direct Oxidative Borylation of C—H Bonds

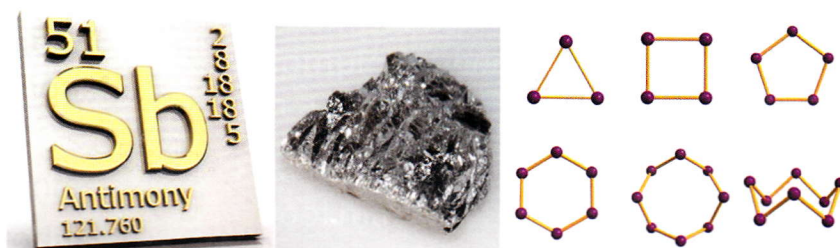


Direct borylation of C—H bonds became one of the most straightforward methods to provide the organoborane reagents from easily available chemicals. In this article we accounted the recent advances in the direct oxidative borylation from C—H bonds.

Zhong-Tao Jiang, Bi-Qin Wang, Zhang-Jie Shi*

955

Recent Advances in Aromatic Antimony Clusters

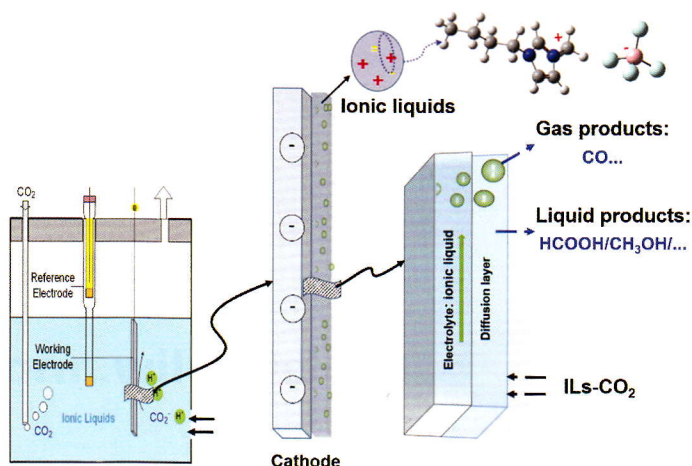


Lei-Jiao Li, Basharat Ali, Zhongfang Chen,* Zhong-Ming Sun*

The Sb_n clusters feature unique chemical bonding, fascinating structures, and special stabilities that can be well rationalized by aromaticity or antiaromaticity.

961

CO₂ Electroreduction in Ionic Liquids: A Review

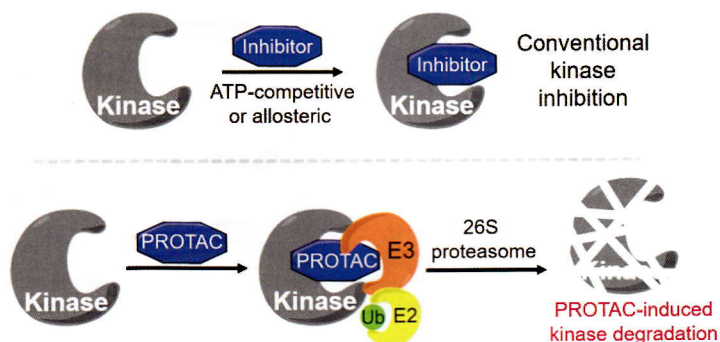


Jianpeng Feng, Shaojuan Zeng, Jiaqi Feng, Haifeng Dong, Xiangping Zhang*

CO₂ electrochemical reduction in ILs system.

Critical Review

971
When Kinases Meet PROTACs



Li Tan,* Nathanael S. Gray*

Corrigendum

978
Nanostructured Catalyst for Fischer–Tropsch
Synthesis

Wa Gao, Qingshan Zhu, Ding Ma*

Chin. J. Chem. **2018**, *36*, 798–808.

DOI: 10.1002/cjoc.201800146

The second author “Qingshan Zhu” and his affiliation “Fritz-Haber-Institut der Max-Planck-Gesellschaft, Faradayweg 4-6, D-14195 Berlin, Germany” should be corrected as “Qingjun Zhu” and “National Institute of Clean-and-Low-Carbon Energy Future Science City, Changping District, Beijing 102211, China”, respectively.