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22 AUG 2016

To all approved Pharmacy Institutions -

- u/s12 of the Pharmacy Act, 1948
- conduct of course

Sub: Letter dt.4.3.2016 received from Country Sales Manager, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge.

Sir/Madam

With reference to the subject cited above, please find enclosed herewith a copy of letter dt. 4.3.2016 received from Country Sales Manager, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge for information and necessary action.

Yours faithfully



(ARCHNA MUDGAL)
Registrar-cum-Secretary



Royal Society of Chemistry
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March 4, 2016

Sub: Royal Society of Chemistry Proposal

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Using our core strengths – **knowledge, skills, community, Publishing** – we connect the world with the chemical sciences.

- We are a globally-trusted provider and interpreter of top-quality, accessible chemical science **knowledge**.
- We have a deep understanding of the needs and solutions for developing **skills** in the chemical sciences at all levels.
- We create, facilitate and grow the chemical sciences **community**.

Knowledge

- Over **40 world-leading specialist journals** that span the breath of the chemical sciences from analytical science to materials and core chemistry. Our Impact Factors have increased and, with 36,251 articles published in 2014 (a 389% increase since 2008) we are the fastest growing publisher in the chemical sciences.
- Over **100 books and e-books** – from core university textbooks to popular science books.
- Our flagship monthly magazine *Chemistry World*, which goes to our members, and has a large online presence.

- And **databases**, including The Merck Index *Online*^{*}, which is the leading reference for chemicals, drugs and biologicals.

Skills

We support the development of skills within and outside of the UK, partnering with companies and individuals who share our strategic priorities.

For example, in India, we are working with philanthropist and healthcare provider Dr Yusuf Hamied to support chemistry education. Over five years we aim to:

- **equip 8,000 teachers across India** with the specialist knowledge and skills to deliver exciting and engaging chemistry lessons, and to share their knowledge with their colleagues
- **provide 1,600 of the brightest chemistry students from all backgrounds** with places at chemistry camps, to help them achieve the standards to study chemistry at university

Community

We bring together and empower our global chemistry community for the benefit of science and humanity.

- We organise and sponsor conferences and scientific meetings across the world. In 2015 alone we're running over 400 events and conferences in 14 countries. Our reputation means that we can attract leaders in the field to speak at our conferences.
- In 2015, we held our first Faraday's Discussion (Jan 2015) in Bangalore and our first ISACS (International Symposium in Advancing Chemical Sciences) event (Nov 2015), an example of how we bring the research community together to focus on new and rapidly developing areas of physical chemistry.
- We have links with our 'sister' chemical societies around the world, like the Chemical Research Society of India – with whom we celebrated ten years of our partnership conducting a RSC-CRSI joint symposium in Feb 2016 and extending our cooperation agreement for another ten years.
- In 2016, The Royal Society of Chemistry in association with the British Council in India will invest INR 2.5 crores to deliver six Newton-Bhabha Researcher Links workshops to facilitate cohesive and collaborative research partnerships between Indian and UK researchers.

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Natural Product Reports	Journals	1,215
Organic & Biomolecular Chemistry	Journals	4,474
Photochemical & Photobiological Sciences	Journals	1,744
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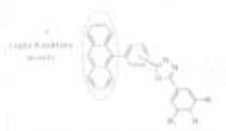
Synthetic analogues of anthocyanins as sensitizers for dye-sensitized solar cells

Giuseppe Calogero, Alessandro Saponi, Ilaria Citro, Gaetano Di Marco, Western Petrov, Ana M. Diniz, A. Jorge Parola and Fernando Pina
Photochem. Photobiol. Sci., 2013, **12**, 883–894
dx.doi.org/10.1039/C3PP2544K



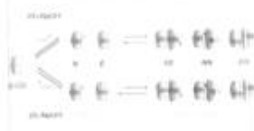
Design and synthesis of novel anthracene derivatives as n-type emitters for electroluminescent devices: a combined experimental and DFT study

G. Malleshwar, S. Balasub, M. Ananth Reddy, B. Sridhar, Purita Singh, Ritu Srivastava, K. Bharasudakash and V. Jayathirtha Rao
Photochem. Photobiol. Sci., 2014, **13**, 342–357
dx.doi.org/10.1039/C3PP50284H



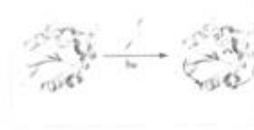
Chiral recognition for the complexation dynamics of β -cyclodextrin with the enantiomers of 2-naphthyl-1-ethanol

Hao Tang, Andrea S. M. Sutherland, Lana M. Osusky, Yan Li, Josef F. Holzwarth and Cornelia Botme
Photochem. Photobiol. Sci., 2014, **13**, 358–369
dx.doi.org/10.1039/C3PP50298H



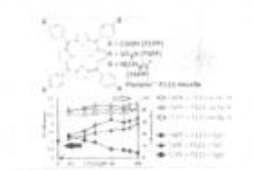
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Peter L. Fredastino, Kevin H. Gardner and Klaus Schulten
Photochem. Photobiol. Sci., 2014, **12**, 1158–1170
dx.doi.org/10.1039/C3PP25400C



The influence of Pluronic nanovehicles on dark cytotoxicity, photocytotoxicity and localization of four model photosensitizers in cancer cells

Jan Sotczyński, Solveig Kristensen and Rikstar Berg
Photochem. Photobiol. Sci., 2014, **13**, 8–22
dx.doi.org/10.1039/C3PP50181G



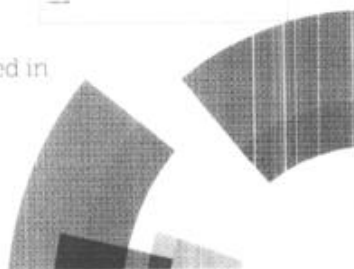
ER stress, autophagy and immunogenic cell death in photodynamic therapy-induced anti-cancer immune responses

Abhishek D. Garg and Patrizia Agostini
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xlink.rsc.org/?doi=C4OB02117G

C-terminal heat shock protein 90 modulators produce desirable oncogenic properties
Y. Wang and S. R. McAlpine
Org. Biomol. Chem., 2015, **13**, 4627–4631
xlink.rsc.org/?doi=C5OB00044K

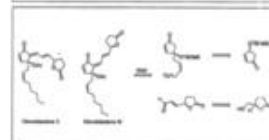
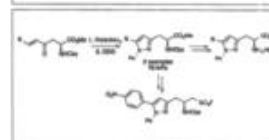
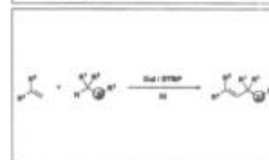
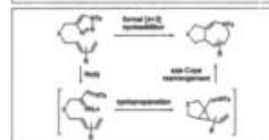
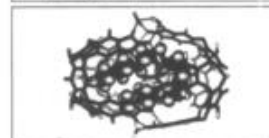
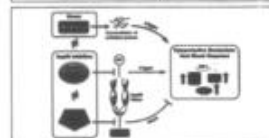
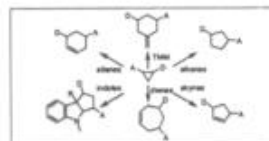
Folded alkyl chains in water-soluble capsules and cavitands
Jesse V. Gavette, Kang-Da Zhang, Dariush Ajami and Julius Rebek
Org. Biomol. Chem., 2014, **12**, 6561–6563
xlink.rsc.org/?doi=C4OB01032A

Rhodium(III)-catalyzed intramolecular formal [4 + 3] cycloadditions of dienylnitrazoles: rapid access to fused 2,5-dihydroazepines
Yu Tian, Yuanhao Wang, Hai Shang, Xudong Xu and Yefeng Tang
Org. Biomol. Chem., 2015, **13**, 612–619
xlink.rsc.org/?doi=C4OB01910E

Synthesis of pyrazole containing α -amino acids via a highly regioselective condensation/aza-Michael reaction of β -aryl α,β -unsaturated ketones
Lynne Gilfillan, Raik Artschwager, Alexander H. Harkiss, Rob M. J. Liskamp and Andrew Sutherland
Org. Biomol. Chem., 2015, **13**, 4514–4523
xlink.rsc.org/?doi=C5OB00364D

Copper-catalyzed oxidative alkenylation of thioethers via Csp^3-H functionalization
Hao Cao, Dong Liu, Chao Liu, Xinquan Hu and Aiwen Lei
Org. Biomol. Chem., 2015, **13**, 2264–2266
xlink.rsc.org/?doi=C4OB02564D

First total synthesis of the marine natural products clavulolactones II and III
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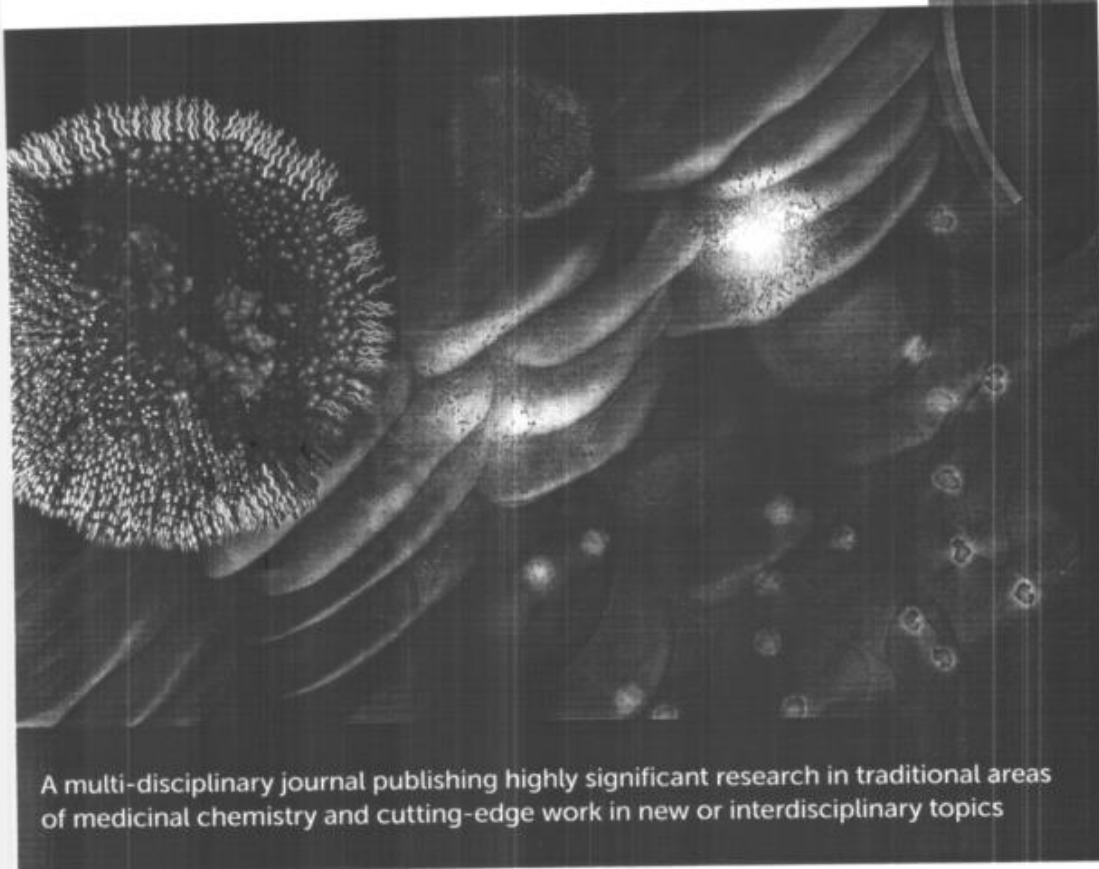
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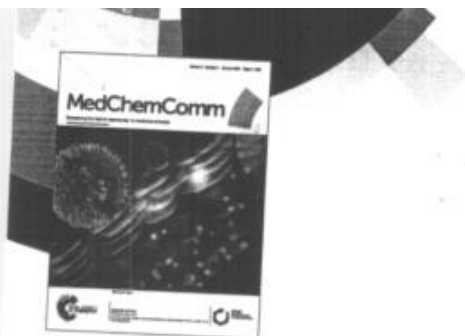
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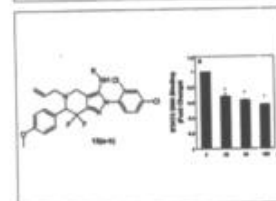
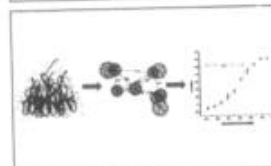
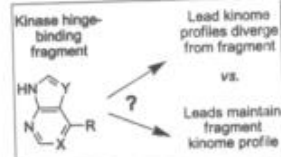
Structure-based drug design of chromone antagonists of the adenosine A_{2A} receptor
Stephen P. Andrews, Jonathan S. Mason, Edward Hurrell and Miles Congreve
Med. Chem. Commun., 2014, 5, 571-575
xlink.rsc.org/?doi=C3MD00338H

Rapid profiling of protein kinase inhibitors by quantitative proteomics
Martin Go kowski, Jennifer L. Brigham, B. Gayani K. Perera, Guillermo S. Romano, Justin J. Maly and Shao-En Ong
Med. Chem. Commun., 2014, 5, 363-369
xlink.rsc.org/?doi=C3MD00315A

Fragment growing to retain or alter the selectivity of anchored kinase hinge-binding fragments
Charlotte E. Allen, Amanda J. Welford, Thomas P. Matthews, John J. Caldwell and Ian Collins
Med. Chem. Commun., 2014, 5, 180-185
xlink.rsc.org/?doi=C3MD00308F

Novel protein-protein interaction inhibitor of Nrf2-Keap1 discovered by structure-based virtual screening
Hao-Peng Sun, Zheng-Yu Jiang, Ming-Ye Zhang, Meng-Chen Lu, Ting-Ting Yang, Yang Pan, Hao-Ze Huang, Xiao-Jin Zhang and Qi-dong You
Med. Chem. Commun., 2014, 5, 93-98
xlink.rsc.org/?doi=C3MD00240C

Synthesis and biological evaluation of tetrahydropyridinepyrazoles (PFPs) as inhibitors of STAT3 phosphorylation
Revanna C. N. Basappa, Srinivasa V. Feng Li, Kodappully Sivaraman Siveen, Xiaoyun Dai, Shivananju Nanjunda Swamy, Bhadregowda D. G. Gautam Sethi, Mantelingu K. Andreas Bender and Rangappa KS
Med. Chem. Commun., 2014, 5, 32-40
xlink.rsc.org/?doi=C3MD00119A



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xlink.rsc.org/?doi=C4TX00069B

Interaction of tannic acid with carbon nanotubes: enhancement of dispersibility and biocompatibility

Xiaoyong Zhang, Meiyong Liu, Xiqi Zhang, Fengjie Deng, Cuiying Zhou, Junfeng Hui, Wanyun Liu and Yen Wei

Toxicol. Res., 2015, **4**, 160–168
xlink.rsc.org/?doi=C4TX00066H

Reproductive toxicity and meiotic dysfunction following exposure to the pesticides Maneb, Diazinon and Fenarimol

Parodi Daniela, Sjarif Jasmine, Chen Yichang and Patrick Allard

Toxicol. Res., 2015, **4**, 645–654
xlink.rsc.org/?doi=C4TX00141A

Effect of diselenide administration in thioacetamide-induced acute neurological and hepatic failure in mice

Silvio Terra Stefanello, Edovando José Flores da Rosa, Fernando Dobrachinski, Guilherme Pires Amaral, Nelson Rodrigues de Carvalho, Sônia Cristina Almeida da Luz, Caroline Raquel Bender, Ricardo S. Schwab, Luciano Dornelles and Félix Alexandre Antunes Soares

Toxicol. Res., 2015, **4**, 707–717
xlink.rsc.org/?doi=C4TX00166D

Uptake of gold nanoparticles in primary human endothelial cells

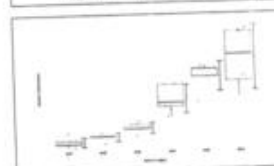
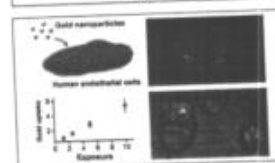
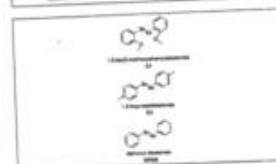
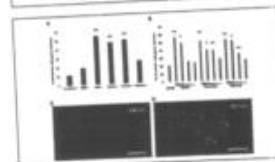
Henrik Klingberg, Lene B. Oddershede, Katrin Loeschner, Erik H. Larsen, Steffen Loft and Peter Møller

Toxicol. Res., 2015, **4**, 655–666
xlink.rsc.org/?doi=C4TX00061G

Statistical evaluation of toxicological bioassays – a review

Ludwig A. Hothorn

Toxicol. Res., 2014, **3**, 418–432
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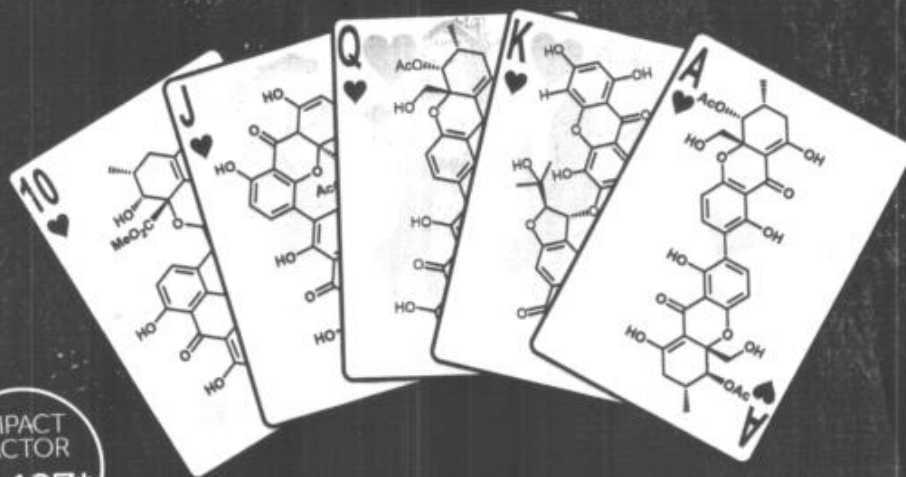
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xlink.rsc.org/?doi=C4NP00113C

Antiviral drug discovery: broad-spectrum drugs from nature

J. P. Martinez, F. Sasse, M. Brönstrup, J. Diez and A. Meyerhans
Nat. Prod. Rep., 2015, **32**, 29–48
xlink.rsc.org/?doi=C4NP00085D

Xanthone dimers: a compound family which is both common and privileged

Tim Wezeman, Stefan Bräse and Kye-Simeon Masters
Nat. Prod. Rep., 2015, **32**, 6–28
xlink.rsc.org/?doi=C4NP00050A

Modern plant metabolomics: advanced natural product gene discoveries, improved technologies, and future prospects

Lloyd W. Sumner, Zhentian Lei, Basil J. Nikolau and Kazuki Saito
Nat. Prod. Rep., 2015, **32**, 212–229
xlink.rsc.org/?doi=C4NP00072B

Discovering the secondary metabolite potential encoded within entomopathogenic fungi

Donna M. Gibson, Bruno G. G. Donzelli, Stuart B. Krasnoff and Nemat O. Keyhani
Nat. Prod. Rep., 2014, **31**, 1287–1305
xlink.rsc.org/?doi=C4NP00054D

Mass spectrometry imaging of plant metabolites – principles and possibilities

Nanna Bjarnholt, Bin Li, Janina D'Alvise and Christian Janfelt
Nat. Prod. Rep., 2014, **31**, 818–837
xlink.rsc.org/?doi=C3NP70100J

Recent advances in the field of bioactive tetronates

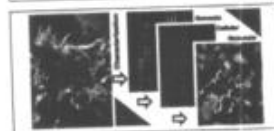
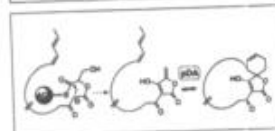
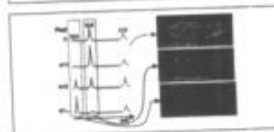
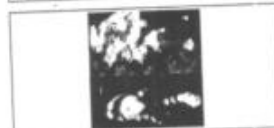
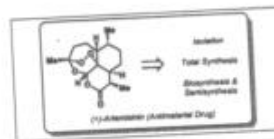
Laura Vieweg, Sebastian Reichau, Rainer Schobert, Peter F. Leadlay and Roderich D. Süßmuth
Nat. Prod. Rep., 2014, **31**, 1554–1584
xlink.rsc.org/?doi=C4NP00015C

Biological targets and mechanisms of action of natural products from marine cyanobacteria

Lilbeth A. Salvador-Reyes and Hendrik Luesch
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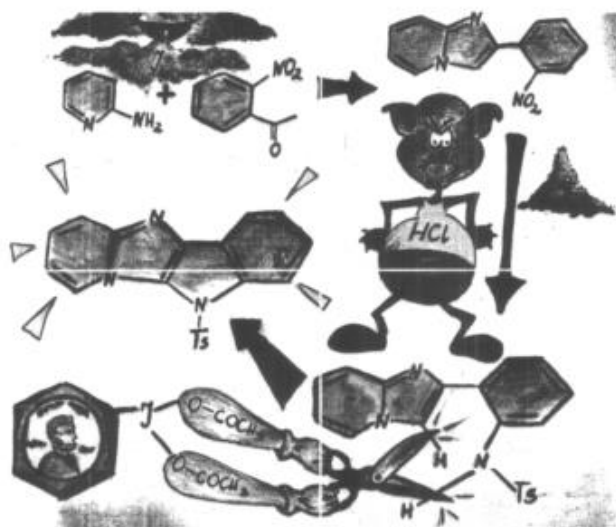
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Org. Chem. Front., 2014, 1, 298–302
xlink.rsc.org/?doi=C3Q00059A

Singlet carbenes as mimics for transition metals: synthesis of an air stable organic mixed valence compound [$M_2(C_2)^+$; $M = \text{cyclic(alkyl)(amino)carbene}$]

Liqun Jin, Mohand Melaimi, Liu Liu and Guy Bertrand
Org. Chem. Front., 2014, 1, 351–354
xlink.rsc.org/?doi=C4Q00072B

Iron-catalyzed/mediated oxidative transformation of C–H bonds

Fan Jia and Zhiping Li
Org. Chem. Front., 2014, 1, 194–214
xlink.rsc.org/?doi=C3Q00087G

Near-infrared absorbing heterocyclic quinoid donors for organic solar cell devices

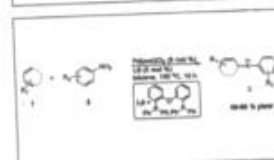
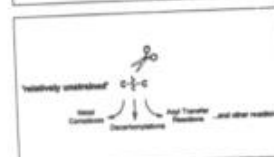
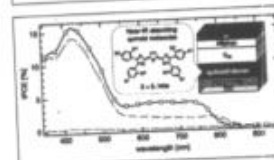
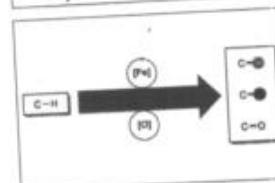
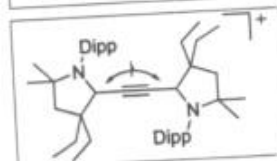
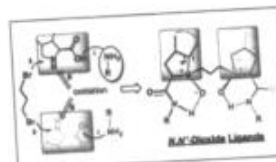
Emel Ay, Shunsuke Furukawa and Eichi Nakamura
Org. Chem. Front., 2014, 1, 988–991
xlink.rsc.org/?doi=C4Q000182F

Direct activation of relatively unstrained carbon–carbon bonds in homogeneous systems

Alpay Demirci, Jotham W. Coe and Guangbin Dong
Org. Chem. Front., 2014, 1, 567–581
xlink.rsc.org/?doi=C4Q00053F

Palladium-catalysed regioselective hydroamination of 1,3-dienes: synthesis of allylic amines

Debasis Banerjee, Kathrin Junge and Matthias Beller
Org. Chem. Front., 2014, 1, 368–372
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