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(2016) CATALYSES ET HÉTÉROCYCLES

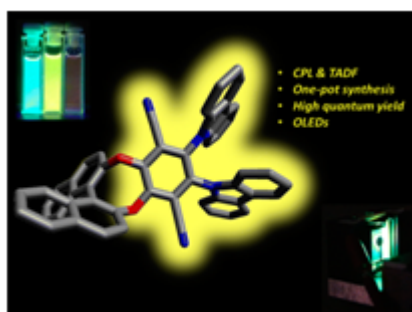
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S. Feuillastre, M. Pauton, L. Gao, A. Desmarchelier, A. Riives, D. Prim, D. Tondelier, B. Geffroy, G. Muller, G. Clavier, G. Pieters

Design and synthesis of new circularly polarized thermally activated delayed fluorescence emitters.

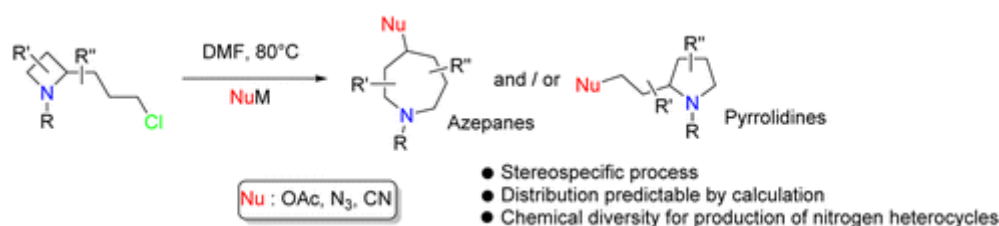
J. Am. Chem. Soc. **2016**, *138*, 3990 (link)



B. Drouillat, I. V. Dorogan, M. Kletsii, O. N. Burov, F. Couty

Competitive Ring Expansion of Azetidines into Pyrrolidines and/or Azepanes

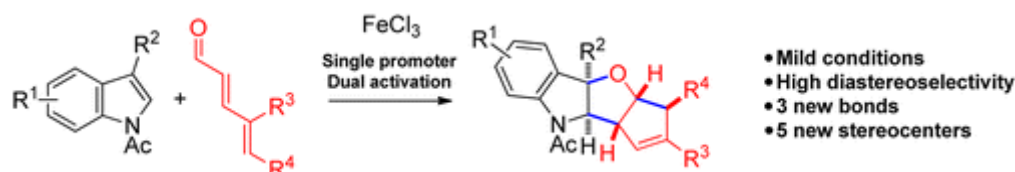
J. Org. Chem. **2016**, *81*, 6677 (link)



A.-S. Marques, V. Coeffard, I. Chataigner, G. Vincent, X. Moreau

Iron-mediated domino interrupted iso-Nazarov/dearomative (3+2)-cycloaddition of electrophilic indoles

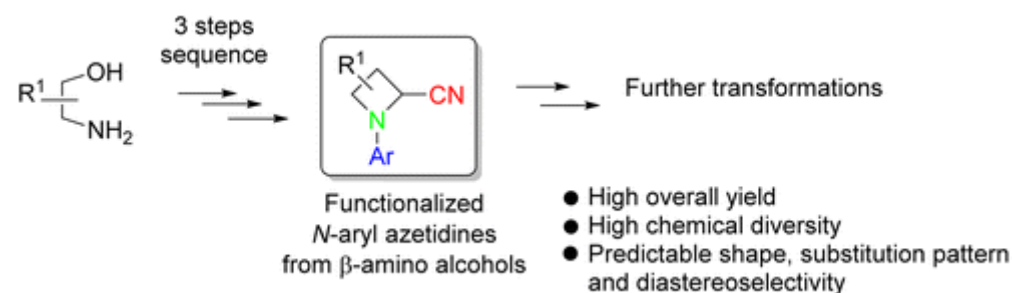
Org. Lett. **2016**, *18*, 5296 (link)



P. Quinodoz, B. Drouillat, K. Wright, J. Marrot, F. Couty

N-Arylazetidines: Preparation through Anionic Ring Closure

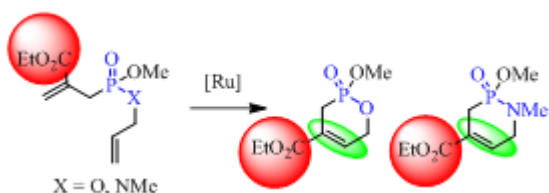
J. Org. Chem. **2016**, *81*, 2899 (link)



A. Abdelli, F. Bourdreux, A. Gaucher, M. L. Efrif, H. M'rabet, D. Prim

Ring-closing metathesis on deactivated allyl-phosphonates and phosphoramidates: access to dihydrophosphinine oxides bearing an ester group.

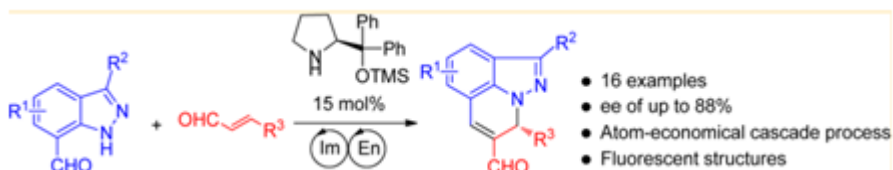
Tetrahedron Lett. **2016**, *57*, 379 (link)



M. Giardinetti, J. Marrot, X. Moreau, V. Coeffard, C. Greck

Asymmetric Synthesis of Fused Polycyclic Indazoles through Aminocatalyzed Aza-Michael Addition/Intramolecular Cyclization

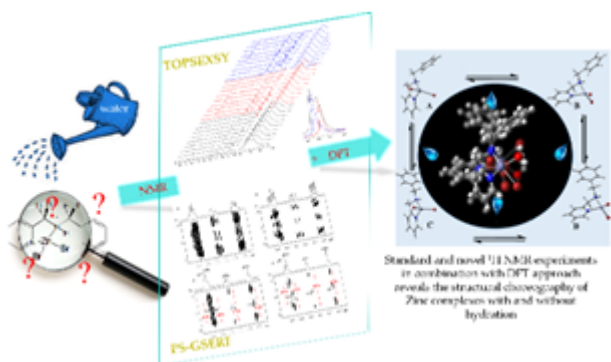
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J. E. Herbert Pucheta, J.-M. Gillet, D. Prim, J. Farjon

Deciphering the conformational choreography of Zn-coordination complexes with the help of standard and novel proton NMR techniques combined with DFT methods.

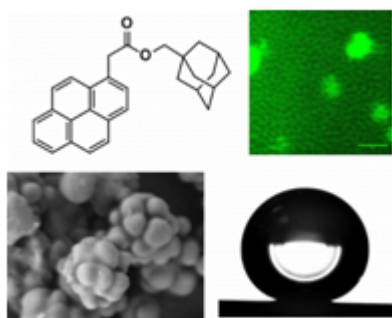
ChemPhysChem **2016**, *17*, 1034 (link)



G. Ramos Chagas, X. Xie, T. Darmanin, K. Steenkeste, A. Gaucher, D. Prim, R. Meallet-Renault, S. Amigoni, G. Godeau, F. Guittard

Electrodeposition of Polypyrenes with Tunable Hydrophobicity, Water Adhesion and Fluorescence Properties.

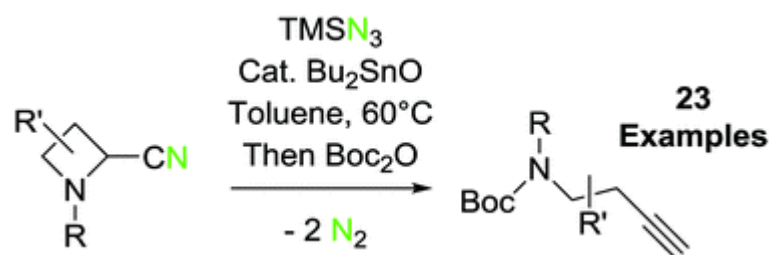
J. Phys. Chem. C. **2016**, *120*, 7077 (link)



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Synthesis of homopargylamines from 2-cyanoazetidines

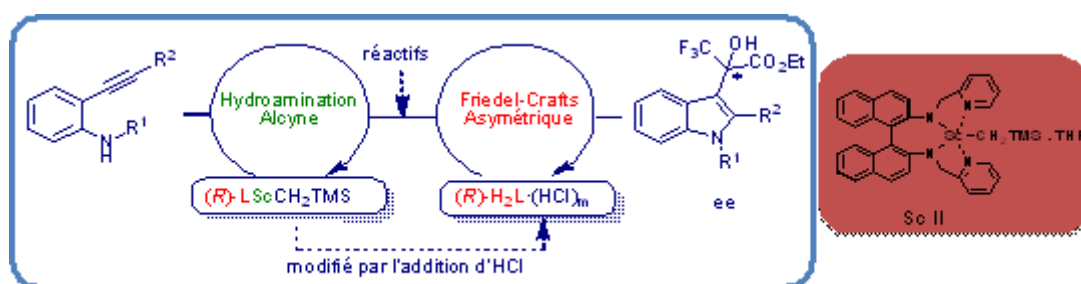
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Asymmetric Assisted Tandem Catalysis: Hydroamination followed by Asymmetric Friedel-Crafts reaction from a single chiral N, N, N', N'-tetradentate pyridylmethylamine-based ligand.

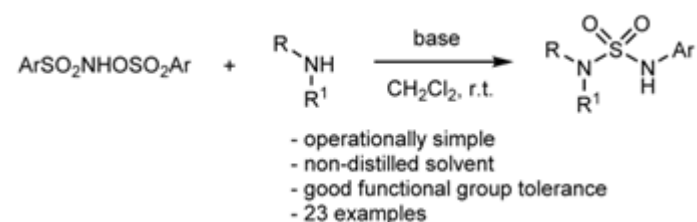
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L. Pantaine, F. Richard, J. Marrot, X. Moreau, V. Coeffard, C. Greck

Efficient Synthesis of Unsymmetrical Sulfamides via a Lossen-Like Rearrangement

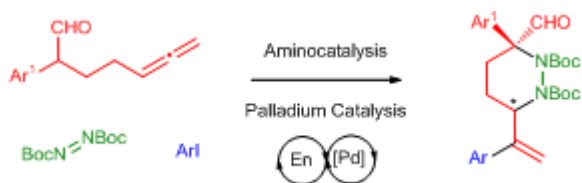
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Construction of enantioenriched polysubstituted hexahydropyridazines via a sequential multicatalytic process merging palladium catalysis and aminocatalysis

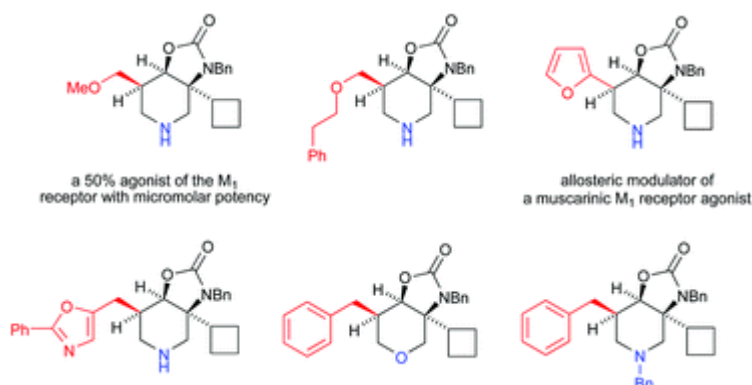
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K. J. Broadley, M. G. P. Buffat, E. Burnell, R. H. Davies, X. Moreau, S. Snee, E. J. Thomas

Stereoselective synthesis of oxazolidinonyl-fused piperidines of interest as muscarinic (M-1) receptor agonists: a novel M-1 allosteric modulator

Org. Biomol. Chem. **2016**, *14*, 2057 (link)



Loïc Pantaine, Xavier Moreau, Vincent Coeffard, and Christine Greck

The impact of asymmetric organocatalysis in dearomatization and aromatization of carbocycles: increasing molecular complexity and diversity

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