



Pr. Gwilherm EVANO

Laboratoire de Chimie Organique
Université Libre de Bruxelles
Avenue F. D. Roosevelt 50 - CP160/06
1050 Brussels - BELGIUM



Phone: + 32 2 650 30 57
Fax: + 32 2 650 27 98
gevano@ulb.ac.be

Date of birth: Jan. 6, 1977
Nationality: French



RESEARCH INTEREST

Synthetic chemistry with particular emphasis on natural product synthesis, copper-mediated reactions, organometallic chemistry and chemistry of ynamides.



EDUCATION & RESEARCH EXPERIENCE

- Since 2012 Professor (Chargé de cours), Université Libre de Bruxelles;
- 2009 Habilitation, Université de Versailles Saint Quentin en Yvelines, defended June 15, 2009;
- 2004-2011 Assistant professor of Organic Chemistry ("chargé de recherche CNRS") at the Lavoisier Institute (University of Versailles, France);
- 2002 - 2003 Research assistant with Pr. James Panek, Boston University, USA.
- 1999 - 2002 PhD in Organic Chemistry, Université Pierre et Marie Curie, Laboratoire de Synthèse Asymétrique, Paris, France. Advisors: Pr. Claude Agami and Pr. Francois Couty; defended June 28, 2002;
- 2000 Master's Degree in Chemistry, Ecole Normale Supérieure Ulm, Paris, France;
- 1999 Master's Degree in Organic and Bioorganic Chemistry ("DEA"), Université Pierre et Marie Curie, Paris, France;
- 1998 Bachelor of Science in Chemistry, Ecole Normale Supérieure Ulm, Paris, France.



CONSULTING

Industrial consultant to L'Oréal Research & Innovation since 2014.



TEACHING EXPERIENCE

Courses (Jan. 2004-present)
Organic Chemistry (B.S. level);
Advanced Organic Chemistry (M.S. level);
Organometallic Chemistry (M.S. level).



- 1- *Selective N-Dealkylation of Tertiary Amines Derived from Phenylglycinol or Ephedrine Family*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron Lett.* **1999**, *40*, 3709-3712.
- 2- *Synthesis of α -Substituted Allylic Amines via a Modified Bruylants Reaction*, Agami, C.; Couty, F.; Evano, G. *Org. Lett.* **2000**, *2*, 2085-2088.
- 3- *S_N2' Regio and Stereoselective Alkylation of Allylic and Propargylic Mesylates Linked to a N-Boc Oxazolidine using Organocuprates*, Agami, C.; Couty, F.; Evano, G.; Mathieu, H. *Tetrahedron*, **2000**, *56*, 367-376.
- 4- *Claisen Rearrangement of Allylic Alcohols Prepared through N-Boc-2-acyloxazolidine Methodology. Application to the Synthesis of Trisubstituted Cyclopropanes*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron Lett.* **2000**, *41*, 8301-8305.
- 5- *Enantioselective Synthesis of 2-Substituted-N-Boc- Δ -4,5-piperidines*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron : Asymmetry*, **2000**, *11*, 4639-4643.
- 6- *Claisen Rearrangement of Allylic and Propargylic Alcohols Prepared through N-Boc-2-Acyloxazolidines Methodology. Application to the Synthesis of Original Chiral Building Blocks*, Agami, C.; Couty, F.; Evano, G. *Eur. J. Org. Chem.*, **2002**, 29-38.
- 7- *Some Uses of N-Boc-2-acyloxazolidines in Asymmetric Synthesis*, Couty, F.; Evano, G.; Matthieu, H.; Rabasso, N.; Venier, O. *l'Actualité Chimique*, **2002**, *249*, 13-18.
- 8- *A Straightforward Synthesis of Enantiopure 2-Cyanoazetidines from β -Aminoalcohols*, Agami, C.; Couty, F.; Evano, G. *Tetrahedron: Asymmetry* **2002**, *13*, 297-302.
- 9- *Enantioselective Synthesis of Clavepictine analogues and Evaluation of their Cytotoxic Activity*, Agami, C.; Couty, F.; Evano, G.; Darro, F.; Kiss, R. *Eur. J. Org. Chem.*, **2003**, 2062-2070.
- 10- *Synthesis of enantiopure azetidine-2-carboxylic acids and their incorporation into peptides*, Couty, F.; Evano, G.; Rabasso, N. *Tetrahedron: Asymmetry* **2003**, *14*, 2407-2412.
- 11- *A Convergent Synthesis of the Macrocyclic Core of Cytotrienins: Application of RCM for Macrocyclization*, Evano, G.; Schaus, J. V.; Panek, J. S. *Org. Lett.* **2004**, *5*, 525-528.
- 12- *Synthesis of Chiral Non Racemic Azetidines*, Couty, F.; Evano, G.; Prim, D. *Minireviews in Organic Chemistry* **2004**, *1*, 133-148.
- 13- *Synthesis and Reactivity of Enantiomerically Pure N-Alkyl-2-alkenyl Azetidinium Salts*, Couty, F.; Durrat, F.; Evano, G.; Prim, D. *Tetrahedron Lett.* **2004**, *45*, 7525-7528.
- 14- *General Route to a New Class of Homochiral Azetidine-Derived 1,2-Diamines*, Couty, F.; Evano, G.; Prim, D.; Marrot, J. *Eur. J. Org. Chem.*, **2004**, 3893-3897.
- 15- *N-Cyanomethyl- β -chloroamines: A Convenient Source of Aziridinium Ions*, Couty, F.; Evano, G.; Prim, D. *Tetrahedron Lett.* **2005**, *46*, 2253-2257.
- 16- *Azetidine motifs as ligand in the Pd(II) complexes series*, Keller, L.; Vargas Sanchez, M.; Prim, D.; Couty, F.; Evano, G.; Marrot, J. *J. Organomet. Chem.* **2005**, *690*, 2306-2311.
- 17- *Regioselective Nucleophilic Opening of Azetidinium Ions*, Couty, F.; Durrat, F.; Evano, G. *Synlett* **2005**, 1666-1670.
- 18- *Azetidinic Amino Acids: Stereocontrolled Synthesis and Pharmacological Characterization as Ligands for the Glutamate Receptors and Transporters*, Bräuner-Osborne, H.; Bunch, L. Chopin, N.; Couty, F.; Evano, G.; Jensen, A. A.; Kusk, M.; Nielsen, B.; Rabasso, N. *Org. Biomol. Chem.* **2005**, 3926-3936.
- 19- *Practical Asymmetric Preparation of Azetidine-2-carboxylic Acid*, Couty, F.; Evano, G.; Vargas-Sanchez, M.; Bouzas, G. *J. Org. Chem.*, **2005**, *70*, 9028-9031.
- 20- *Total Synthesis of Reblastatin*, Wrona, I.; Gabarda, A.; Evano, G.; Panek, J. S. *J. Am. Chem. Soc.*, **2005**, *127*, 15026-15027 (highlighted in *Synfacts*, **2006**, 312).
- 21- *3-Aminopyrrolidines via Ring Rearrangement of 2-Aminomethylazetidines. Synthesis of (-)-Absouline*, Vargas-Sanchez, M.; Couty, F.; Evano, G.; Prim, D.; Marrot, J. *Org. Lett.* **2005**, *6*, 5861-5864.

- 22-** *Stereocontrolled Synthesis of 3-Substituted Azetidinic Amino Acids*, Sivaprakasam, M.; Couty, F.; Evano, G.; Srinivas, B.; Sridhar, R.; Rama Rao, K. *Synlett* **2006**, 781-785.
- 23-** *N-Cyanomethyl- β -chloro amines: chiral building blocks for the synthesis of azacrown ethers*, Couty, F.; Evano, G.; Menguy, L.; Steimetz, V.; Toumi, M. *Tetrahedron Lett.* **2006**, 47, 4817-4821.
- 24-** *Nucleophilic Ring-Opening of Azetidinium Ions: Insights into Regioselectivity*, Couty, F.; David, O.; Durrat, F.; Evano, G.; Lakhdar, S.; Marrot, J.; Vargas-Sanchez, M. *Eur. J. Org. Chem.* **2006**, 3479-3490.
- 25-** *Ring Expansions of 2-Alkenylazetidinium Salts – a New Route to Pyrrolidines and Azepanes*, Couty, F.; Durrat, F.; Evano, G.; Marrot, J. *Eur. J. Org. Chem.* **2006**, 4214-4223.
- 26-** *Azetidine-2-Carboxylic Acid. From Lily of the Valley to Key Pharmaceuticals. A Jubilee Review*, Couty, F.; Evano, G. *Org. Prep. Proced. Int.* **2006**, 38, 427-465.
- 27-** *The Reaction of Azetidines with Chloroformates*, Vargas-Sanchez, M.; Lakhdar, S.; Couty, F.; Evano, G. *Org. Lett.* **2006**, 8, 5501-5504.
- 28-** *Total Synthesis of Paliurine F*, Toumi, M.; Couty, F.; Evano, G. *Angew. Chem. Int. Ed.* **2007**, 46, 572-575 (journal cover, highlighted in *Synfacts*, **2007**, 571).
- 29-** *A Straightforward Synthesis of 3-Substituted Azetidinic Amino Acids*, Sivaprakasam, M.; Couty, F.; Evano, G.; Srinivas, B.; Sridhar, R.; Rama Rao, K. *Arkivoc*, **2007**, Part (x): Commemorative Issue in Honor of Prof. Alain Krief on the occasion of his 65th Anniversary, 71-93.
- 30-** *Total Synthesis of the Cyclopeptide Alkaloid Abyssenine A. Application of Inter- and Intramolecular Copper-Mediated Coupling Reactions in Organic Synthesis*. Toumi, M.; Couty, F.; Evano, G. *J. Org. Chem.*, **2007**, 72, 9003-9009 (journal cover, highlighted in *Synfacts*, **2008**, 338).
- 31-** *Eight Steps Total Synthesis of the Cyclopeptide Alkaloid Mucronine E*. Toumi, M.; Couty, F.; Evano, G. *Synlett*, **2008**, 29-32.
- 32-** *A Practical Route to Enantiopure 3-Hydroxy-pyrrolidines: Application to a Straightforward Synthesis of (-)-Bulgecinine*. Toumi, M.; Couty, F.; Evano, G. *Tetrahedron Lett.* **2008**, 49, 1175-1179.
- 33-** *Total Synthesis of the Cyclopeptide Alkaloid Paliurine E. Insights into Macrocyclization by Ene-eneamide RCM*. Toumi, M.; Couty, F.; Evano, G. *J. Org. Chem.*, **2008**, 73, 1270-1281.
- 34-** *Rearrangement of 2-Hydroxyalkylazetidines into 3-Fluoropyrrolidines*. Drouillat, B.; Couty, F.; David, O.; Evano, G.; Marrot, J. *Synlett* **2008**, 1345-1348.
- 35-** *Ring Expansion of 2-(α -Hydroxyalkyl)azetidines: A Synthetic Route to Functionalized Pyrrolidines*. Durrat, F.; Vargas-Sanchez, M.; Couty, F.; Evano, G.; Marrot, J. *Eur. J. Org. Chem.* **2008**, 3286-3297.
- 36-** *Copper-Mediated Coupling Reactions and Their Applications in Natural Products and Designed Biomolecules Synthesis*. Evano, G.; Blanchard, N.; Toumi, M. *Chem. Rev.* **2008**, 108, 3054-3131.
- 37-** *Amino Acids and Copper(I): Application to the Synthesis of Cyclopeptide Alkaloids*. Evano, G.; *l'Actualité Chimique*, **2008**, 322, 20-26.
- 38-** *Copper-Catalyzed Cyclization of Iodo-tryptophans: A Straightforward Synthesis of Pyrroloindoles*, Coste, A.; Toumi, M.; Wright, K.; Razafimahaleo, V.; Couty, F.; Marrot, J.; Evano, G. *Org. Lett.* **2008**, 10, 3841-3844.
- 39-** *Total Synthesis of Chaetominine*, Toumi, M.; Couty, F.; Marrot, J.; Evano, G. *Org. Lett.* **2008**, 10, 5027-5030.
- 40-** *TMC-95A-D: Chemistry and Biology*, Coste, A.; Couty, F.; Evano, G. *C. R. Chimie* **2008**, 11, 1544-1573, Special issue on "Natural Products with Anticancer Properties".
- 41-** *Copper-Mediated Coupling of 1,1-Dibromo-1-alkenes with Nitrogen Nucleophiles: A General Method for the Synthesis of Ynamides*, Coste, A.; Karthikeyan, G.; Couty, F.; Evano, G. *Angew. Chem. Int. Ed.* **2009**, 48, 4381-4385 (highlighted in *Synfacts*, **2009**, 907).
- 42-** *Copper-Catalyzed Cyclization Reactions for the Synthesis of Alkaloids*, Evano, G.; Toumi, M. Coste, A. *Chem. Commun.* **2009**, 4166-4175.
- 43-** *A General Route to Cyclopeptide Alkaloids: Total Syntheses and Biological Evaluation of Paliurines E and F, Ziziphines N and Q, Abyssenine A, Mucronine E, and Analogues*, Toumi, M.; Rincheval, V.;

- Young, A.; Gergeres, D.; Turos, E.; Couty, F.; Mignotte, B.; Evano, G. *Eur. J. Org. Chem.* **2009**, 3368-3386.
- 44-** *Second-Generation, Biomimetic Total Synthesis of Chaetominine*, Coste, A.; Karthikeyan, G.; Couty, F.; Evano, G. *Synthesis* **2009**, 2927-2934, Special issue on "Natural Product Synthesis".
- 45-** *Synthesis of Ketene N,N-Acetals by Copper-Catalyzed Double-Amidation of 1,1-Dibromo-1-alkenes*, Coste, A.; Couty, F.; Evano, G. *Org. Lett.* **2009**, *11*, 4454-4457.
- 46-** *Azetidines: New Tools for the Synthesis of Nitrogen Heterocycles*, Couty, F.; Evano, G. *Synlett* **2009**, 3053-3064.
- 47-** *Ynamides: Versatile Tools in Organic Synthesis*, Evano, G.; Coste, A.; Jouvin, K. *Angew. Chem. Int. Ed.* **2010**, *49*, 2840-2859.
- 48-** *Copper-Mediated Homocoupling of Vinyl Dibromides to Symmetrical Diynes*, Coste, A.; Couty, F. Evano, G. *Synthesis* **2010**, 1500-1504.
- 49-** *Synthesis of the Azetidiny-Thiazoline Fragment of Vioprolides A and C*, Chopin, N.; Couty, F.; Evano, G. *Lett. Org. Chem.* **2010**, *7*, 353-359.
- 50-** *Synthesis of Ynamides by Copper-Mediated Coupling of 1,1-Dibromo-1-alkenes with Nitrogen Nucleophiles. Preparation of N-Benzyl-N-4-toluenesulfonyl-phenylethynylamine*, Coste, A.; Couty, F.; Evano, G. *Org. Synth.* **2010**, *87*, 231-244.
- 51-** *Copper-Catalyzed Alkynylation of Amides with Potassium Alkynyltrifluoroborates: A Room-Temperature, Base-Free Synthesis of Ynamides*, Jouvin, K.; Couty, F.; Evano, G. *Org. Lett.* **2010**, *12*, 3272-3275.
- 52-** *Organic Azides – Syntheses and Applications*. By S. Bräse and K. Banert, Evano, G. *Angew. Chem. Int. Ed.* **2010**, *49*, 6025.
- 53-** *Vinyl Dibromides: Versatile Partners in Cross-Coupling Reactions*, Legrand, F.; Jouvin, K. Evano, G. *Isr. J. Chem.* **2010**, *50*, 588-604. Special issue on "Metal-Catalyzed Cross-Coupling Reactions".
- 54-** *Copper-Mediated Cross-Coupling of 1,1-Dibromo-1-alkenes with Dialkylphosphites: a Convenient Synthesis of 1-Alkenylphosphonates*, Evano, G.; Tadiparthi, K.; Couty, F. *Chem. Comm.* **2011**, *47*, 179-181. Special issue "Emerging Investigators".
- 55-** *Highly Regio- and Stereo- selective Nickel-Catalyzed Addition of Dialkylphosphites to Ynamides: an Efficient Synthesis of β -Amino Vinylphosphonates*, Fadel, A.; Legrand, F.; Evano, G.; Rabasso, N. *Adv. Synth. Catal.* **2011**, *353*, 263-267.
- 56-** *Copper-Catalysed N-Alkynylation of Benzimidazoles and Indazoles*, Jouvin, K.; Evano, G. *Chemistry Today* **2011**, *29*, 31-33.
- 57-** *Copper-Catalyzed Oxidative Alkynylation of Diaryl Imines with Terminal Alkynes: A Facile Synthesis of Ynimines*, Laouiti, A.; Rammah, M. M.; Rammah, M. B.; Marrot, J.; Couty, F.; Evano, G. *Org. Lett.* **2012**, *14*, 6-9.
- 58-** *Click-Alkynylation of N- and P-Nucleophiles by Oxidative Cross-Coupling with Alkynylcopper Reagents: a General Synthesis of Ynamides and Alkynylphosphonates*, Jouvin, K.; Heimbürger, J.; Evano, G. *Chem. Sci.* **2012**, *3*, 756-760.
- 59-** *Copper-Catalyzed Coupling of 1,1-Dibromo-1-alkenes with Phenols: A General, Modular, and Efficient Synthesis of Ynol Ethers, Bromo Enol Ethers, and Ketene Acetals*, Jouvin, K.; Bayle, A.; Legrand, F.; Evano, G. *Org. Lett.* **2012**, *14*, 1652-1655.
- 60-** *Oxidative Alkynylation of Imines with Alkynylcopper Reagents: A Straightforward and Practical Entry to Ynimines*, Laouiti, A.; Jouvin, K.; Rammah, M. M.; Rammah, M. B.; Evano, G. *Synthesis* **2012**, *44*, 1491-1500. Special Topic "Copper in Organic Synthesis".
- 61-** *Stereoselective Hydrofluorination of Ynamides: a Straightforward Synthesis of Novel α -Fluoroenamides*, Compain, G.; Jouvin, K.; Martin-Mingot, A.; Evano, G.; Marrot, J.; Thibaudeau, S. *Chem. Commun.* **2012**, *48*, 5196-5198.
- 62-** *De Novo Synthesis of 1,4-Dihydropyridines and Pyridines*, Gati, W.; Rammah, M. M.; Rammah, M. B.; Couty, F.; Evano, G. *J. Am. Chem. Soc.* **2012**, *134*, 9078-9081 (highlighted in *Synfacts*, **2012**, *8*, 900 and *organic-chemistry.org*).

- 63-** *Copper-Mediated Selective Cross-Coupling of 1,1-Dibromo-1-alkenes and Heteronucleophiles: Development of General Routes to Heterosubstituted Alkynes and Alkenes*, Jouvin, K.; Coste, A.; Bayle, A.; Legrand, F.; Karthikeyan, G.; Tadiparthi, K.; Evano, G. *Organometallics* **2012**, *31*, 7933-7947. Special Issue on "Copper Organometallic Chemistry".
- 64-** *Intramolecular carbolithiation of N-allyl-ynamides: an efficient entry to 1,4-dihydropyridines and pyridines - application to a formal synthesis of sarizotan*, Gati, W.; Rammah, M. M.; Rammah, M. B.; Evano, G. *Beilstein J. Org. Chem.* **2012**, *8*, 2214-2222. Thematic Series on "Carbometallation Chemistry".
- 65-** *General Amination Reactions for the Synthesis of Ynamides*, Evano, G.; Jouvin, K.; Coste, A. *Synthesis* **2013**, *45*, 17-26.
- 66-** *Expanding the Oxidative Chemistry of Organocopper Reagents: Facile Oxidative Cross-Coupling of Copper Acetylides with Arylboronic Acids*, Verna, F.; Pous, J.; Evano, G. *Monatsh. Chem.* **2013**, *144*, 523-529. Special Issue on "4th Young Investigator Workshop".
- 67-** *2-Cyanoazetidines and Azetidinium Ions: Scaffolds for Molecular Diversity*, Couty, F.; Drouillat, B.; Evano, G.; David, O. *Eur. J. Org. Chem.* **2013**, 2045-2056.
- 68-** *Le cuivre : un métal redoutablement efficace en synthèse organique*, Evano, G.; Guissart, C.; Theunissen, C.; Zahim, S.; Dahirwe, G.; Henry, N.; Lecomte, M.; Nitelet, A. *Chimie Nouvelle* **2013**, 11-12.
- 69-** *Intramolecular Carbocupration of N-Aryl-ynamides: A Modular Indole Synthesis*, Gati, W.; Couty, F.; Boubaker, T.; Rammah, M. M.; Rammah, M. B.; Evano, G. *Org. Lett.* **2013**, *15*, 3122-3125 (highlighted in *Synfacts*, **2013**, *9*, 995).
- 70-** *Unprecedented Synthesis of Alkynylphosphine-boranes through Room-Temperature Oxidative Alkynylation*, Jouvin, K.; Veillard, R.; Theunissen, C.; Alayrac, C.; Gaumont, A.-C.; Evano, G. *Org. Lett.* **2013**, *15*, 4592-4595.
- 71-** *Impact of Copper Catalysis in Natural Product Synthesis: the Emergence of New Retrosynthetic Paradigms*, Evano, G.; Theunissen, C.; Pradal, A. *Nat. Prod. Rep.* **2013**, *30*, 1467-1489 (journal cover).
- 72-** *Metal-Catalyzed Synthesis of Hetero-Substituted Alkenes and Alkynes*, Evano, G.; Gaumont, A.-C.; Alayrac, C.; Wrona, I. E.; Giguere, J. R.; Delacroix, O.; Bayle, A.; Jouvin, K.; Theunissen, C.; Gatignol, J.; Silvanus, A. C. *Tetrahedron* (Report) **2014**, *70*, 1529-1616.
- 73-** *A Convergent Synthesis of the Fully Elaborated Macrocyclic Core of TMC-95A*, Coste, A.; Bayle, A.; Marrot, J.; Evano, G. *Org. Lett.* **2014**, *16*, 1306-1309.
- 74-** *Convenient and Practical Alkynylation of Heteronucleophiles with Copper Acetylides*, Theunissen, C.; Lecomte, M.; Jouvin, K.; Laouiti, A.; Guissart, C.; Heimburger, J.; Loire, E.; Evano, G. *Synthesis* (PSP Article) **2014**, *46*, 1157-1166.
- 75-** *Practical Methods for the Synthesis of Trifluoromethylated Alkynes: Oxidative Trifluoromethylation of Copper Acetylides and Alkynes*, Tresse, C.; Guissart, C.; Schweizer, S.; Bouhoute, Y.; Chany, A.-C. Goddard, M.-L.; Blanchard, N.; Evano, G. *Adv. Synth. Catal.* **2014**, *356*, 2051-2060.
- 76-** *Hydrocarbation of C≡C Bonds: Quantification of the Nucleophilic Reactivity of Ynamides*, Laub, H. A.; Evano, G.; Mayr, H. *Angew. Chem. Int. Ed.* **2014**, *53*, 4968-4971.
- 77-** *Exploring the Anionic Reactivity of Ynimines, Useful Precursors of Metalated Ketimines*, Laouiti, A.; Couty, F.; Marrot, J.; Boubaker, T.; Rammah, M. M.; Rammah, M. B. Evano, G. *Org. Lett.* **2014**, *16*, 2252-2255.
- 78-** *Turning Unreactive Copper Acetylides into Remarkably Powerful and Mild Alkyne Transfer Reagents by Oxidative Umpolung*, Evano, G.; Jouvin, K.; Theunissen, C.; Guissart, C.; Laouiti, A.; Tresse, C.; Heimburger, J.; Bouhoute, Y.; Veillard, R.; Lecomte, M.; Nitelet, A.; Schweizer, S.; Blanchard, N.; Alayrac, C.; Gaumont, A.-C. *Chem. Commun.* **2014**, DOI: 10.1039/C4CC03198A.
- 79-** *Keteniminium Ion-Initiated Cascade Cationic Polycyclization*, Theunissen, C.; Metayer, B.; Henry, N.; Compain, G.; Marrot, J.; Martin-Mingot, A.; Thibaudeau, S.; Evano, G. *J. Am. Chem. Soc.* **2014**, *136*, 12528-12531 (journal cover, highlighted in *JACS Spotlight* **2014**, *136*, 12515).

- 80- Room-Temperature Direct Alkynylation of Arenes with Copper Acetylides, Theunissen, C; Evano, G. *Org. Lett.* **2014**, *16*, 4488-4491.
- 81- A Vinylic Rosenmund-von Braun Reaction: Practical Synthesis of Acrylonitriles, Pradal, A.; Evano, G. *Chem. Commun.* **2014**, *50*, 11907-11910.



BOOK & BOOK CHAPTERS

- 1- Couty, F.; Evano, G., "Reactivity of Azetidines Towards Ring Expansion and Ring Opening", In *Targets in Heterocyclic Systems*; Attanasi, O. A.; Spinelli, D., Eds.; Springer: New York, 2005, Vol 9, pp. 190.
- 2- Evano G., "Compounds with Three Carbon - Heteroatom Bonds. Product Subclass 1: Alkanoic Acids. Synthesis from Organic Halides", In *Science of Synthesis: Houben-Weyl Methods of Molecular Transformations*; Panek, J. S., Ed.; Georg Thieme Verlag: Stuttgart, New York, 2006; Vol. 20a, pp. 137-172 ;
- 3- Evano G., "Compounds with Three Carbon - Heteroatom Bonds. Product Subclass 1: Alkanoic Acids. Synthesis from Alkenes", In *Science of Synthesis: Houben-Weyl Methods of Molecular Transformations*; Panek, J. S., Ed.; Georg Thieme Verlag: Stuttgart, New York, 2006; Vol. 20a, pp. 205-240 ;
- 4- Evano G., "Compounds with Three Carbon - Heteroatom Bonds. Product Subclass 9: Alk-2-ynoic Acids", In *Science of Synthesis: Houben-Weyl Methods of Molecular Transformations*; Panek, J. S., Ed.; Georg Thieme Verlag: Stuttgart, New York, 2006; Vol. 20a, pp. 507-532 ;
- 5- Evano G., "Compounds with Three Carbon - Heteroatom Bonds. Product Class 5: Carboxylic Acid Esters. Synthesis from Alkenes", In *Science of Synthesis: Houben-Weyl Methods of Molecular Transformations*; Panek, J. S., Ed.; Georg Thieme Verlag: Stuttgart, New York, 2006; Vol. 20b, pp. 795-826 ;
- 6- Evano G., "Compounds with Three Carbon - Heteroatom Bonds. Product Subclass 12: Alk-2-ynoic Acid Esters", In *Science of Synthesis: Houben-Weyl Methods of Molecular Transformations*; Panek, J. S., Ed.; Georg Thieme Verlag: Stuttgart, New York, 2006; Vol. 20b, pp. 1243-1284 ;
- 7- Couty, F.; Evano, G., "Bicyclic 5-6 Systems with One Bridgehead (Ring Junction) Nitrogen Atom: One Extra Heteroatom 1:0", In *Comprehensive Heterocyclic Chemistry III*, Katritzky, A. R.; Ramsden, C. A.; Scriven, E. F. V.; Taylor, R. J. K. Eds.; Elsevier: Oxford, 2008; Vol. 11, pp. 409-500.
- 8- Evano G.; Blanchard, N. "Copper Catalysis from a Historical Perspective: a Legacy from the Past", In *Copper-Mediated Cross-Coupling Reactions*, Evano, G.; Blanchard, N. Eds.; Wiley, 2013, pp. XIX-XXXI.
- 9- Jouvin, K.; Evano, G., "Beyond Ullmann-Goldberg Chemistry: Vinylation, Alkynylation and Allenylation of Heteronucleophiles", In *Copper-Mediated Cross-Coupling Reactions*, Evano, G.; Blanchard, N. Eds.; Wiley, 2013, pp. 187-238.
- 10- Jouvin, K.; Guissart, C., Theunissen, C.; Evano, G., "Emerging Areas in Copper-Mediated Trifluoromethylations: Catalytic and Oxidative Processes", In *Copper-Mediated Cross-Coupling Reactions*, Evano, G.; Blanchard, N. Eds.; Wiley, 2013, pp. 515-530.
- 11- Co-editor of *Copper-Mediated Cross Coupling Reactions*, Evano, G.; Blanchard, N. Eds.; Wiley, 2013, ISBN: 978-1-118-06045-2.



SEMINARS AND LECTURES

41 invited seminars, 21 plenary lectures.



HONORS AND AWARDS

- French Medicinal Society - Servier Laboratories 2002 Award for Vocation in Medicinal Chemistry;
- CNRS Bronze Medal 2007;
- Thieme Chemistry Journal Award 2008;
- Acros Prize 2011, Division of Organic Chemistry of the French Chemical Society;
- 2013 David Ginsburg Memorial Lectureship of the Technion – Israel Institute of Technology.