

1. **Supramolecular Organization of Polymer Prodrug Nanoparticles Revealed by Coarse-Grained Simulations.** ; P. Gao, J. Nicolas and T. Ha-Duong. ↪
► [JACS, 2021](#).
2. **Synthesis of N-CF₃ hydrazines through radical trifluoromethylation of azodicarboxylates.** ; T. Cao, P. Retailleau, T. Milcent and B. Crousse. ↪
► [Chem. Comm., 2021, 57, 10351](#).
3. **β-Hairpin Peptide Mimics Decrease Human Islet Amyloid Polypeptide (hIAPP) Aggregation.** ; J. Lesma, F. Bizet, C. Berardet, N. Tonali, S. Pellegrino, ↪
M. Taverna, L. Khemtemourian, J-L. Soulier, C. van Heijenoort, ↪
F. Halgand, T. Ha-Duong, J. Kaffy and S. Ongeri. ↪
► [Frontiers in Cell and Dev. Biol. 2021, 9, art. 729001](#).
4. **α-Synuclein : An All-Inclusive Trip Around its Structure, Influencing Factors and Applied Techniques.** ; N. Bisi, L. Feni, K. Peqini, H. Pérez-Peña, S. Ongeri, S. Pieraccini and S. Pellegrino . ↪
► [Frontiers in Chemistry, 2021, 9, art. 666585](#).
5. **Peptidotriazolamers Inhibit Aβ(1-42) Oligomerization and Cross a Blood-Brain-Barrier Model.** ; N. Tonali, L. Hericks, D. C. Schröder, O. Kracker, R. Krzemieniecki, J. Kaffy, V. Le Joncour, P. Laakkonen, A. Marion, S. Ongeri, V. I. Dodero, N. Sewald. ↪
► [ChemPlusChem, 2021, 86, 6, 840](#).
6. **Fluorinated Triazole Foldamers : Folded or Extended Conformational Preferences.** ; J. Laxio Arenas, Y. Xu, T. Milcent, C. Van Heijenoort, F. Giraud, T. Ha-Duong, B. Crousse, S. Ongeri. ↪
► [ChemPlusChem, 2021, 86, 2, 241](#).
7. **Introducing sequential aza-amino acids units induces repeated β-turns and helical conformations in peptides.** ; N. Tonali, I. Correia, J. Lesma, G. Bernadat, S. Ongeri and O. Lequin. ↪
► [Org. Biomol. Chem., 2020, 18, 3452](#).
8. **Real-time BODIPY-binding assay to screen inhibitors of the early oligomerization process of Aβ 1-42 peptide** ; N. Tonali, V. I. Dodero, J. Kaffy, L. Hericks, S. Ongeri, N. Sewald. ↪
► [ChemBioChem 2020, 21, 1129](#).
9. **Evidence for different *in vitro* oligomerization behavior of synthetic hIAPP obtained from different sources** ; C. Berardet, J. Kaffy, F. Halgand, G. Van der Rest, S. Ongeri, M. Taverna. ↪
► [Analytical and Bioanalytical Chemistry 2020, 412, 3103](#).
10. **Direct Access to Substituted 4-CF₃ β-Lactams in C-3 Position.** ; M. Skibińska, M. Kaźmierczak, T. Milcent, T. Cytlak, H. Koroniak and B. Crousse. ↪
► [Frontiers Organic Chemistry, 2019, Vol 7, Article 526. Special issue : Research Topic : Strained Aza-Heterocycles in Synthesis](#).
11. **MD Simulations Combined with NMR and/or SAXS Data for Characterizing IDP Conformational Ensembles.** ; Chan-Yao-Chong M., Durand D., Ha-Duong T. ↪
► [J. Chem. Inf. Model., 2019, 59, 1743–1758](#).
12. **Direct Amination of Arenes with Azodicarboxylates Catalyzed by Bisulfate Salt/HFIP Association.** ; Tang, R.-J. ; Retailleau, P. ; Milcent, T. ; B. Crousse. ↪
► [ACS OMEGA, 2019, 4, 8960-8966](#).
13. **GDP-Mannose Pyrophosphorylase : A Biologically Validated Target for Drug Development Against Leishmaniasis.** ; Pomel S., Mao W., Ha-Duong T., Cavé C., Loiseau L.M. ↪
► [Frontiers in Cellular and Infection Microbiology 2019, 9, 186–192](#).

14. **Structural characterization of N-WASP domain V using MD simulations with NMR and SAXS data.** ; Chan-Yao-Chong M., Deville C., Pinet L., van Heijenoort C., Durand D., Ha-Duong T. ↪
► [Biophys. J.](#), 2019, 116, 1216–1227.
15. **Investigation into Early Steps of Actin Recognition by the Intrinsically Disordered N-WASP Domain V.** ; Chan-Yao-Chong M., Durand D., Ha-Duong T. ↪
► [Int. J. Mol. Sci.](#), 2019, 20, 4493–4511.
16. **Peptides and peptidomimetics as inhibitors of protein-protein interactions involving β-sheet secondary structures** ; J. Laxio-Arenas, J. Kaffy, S. Ongéry, ↪
► [Curr. Opin. Chem. Biol.](#) 2019, 52, 157-167.
17. **Bisulfate Salt-Catalyzed Friedel-Crafts Benzylation of Arenes with Benzylic Alcohols.** ; Tang, R.-J., Milcent T., Crousse B. ↪
► [J. Org. Chem.](#), 2018, 83, 14001-14009.
18. **A capillary electrophoresis method to investigate the oligomerization of the human Islet Amyloid Polypeptide involved in Type 2 Diabetes** ; C. Berardet, J. Kaffy, S. Ongéry, M. Taverna. ↪
► [J. Chromatogr. A.](#) 2018, 1578, 83-90.
19. **Conformational ensemble and biological role of the TCTP intrinsically disordered region : Influence of calcium and phosphorylation.** ; Malard F., Assrir N., Alami M., Messaoudi S., Lescop E., Ha-Duong T. ↪
► [J. Mol. Biol.](#) 2018 25 ;430(11):1621-1639.
20. **Friedel-Crafts alkylation reaction with fluorinated alcohols as hydrogen-bond donors and solvents.** ; Ren-Jin T., Milcent T., Crousse B. ↪
► [RSC Adv.](#), 2018, 8, 10314-10317.
21. **Synthesis of new α-hydroxyphosphonates and α-acetoxyphosphonates** ; Z. Baccari, M. A. K. Sanhoury, B. Crousse, T. Barhoumi-Slimi. ↪
► [Synthetic Communications](#), 2018, 10, 1199-1205.
22. **Preparation, characterization and solution behavior of alpha-hydroxyphosphonate complexes with tin tetrachloride.** ; Z. Baccari, M.A.K. Sanhoury, C. Dejean, B. Crousse, T. Barhoumi-Slimi. ↪
► [J. of Molecular Structure](#), 2018, vol. 1167, 248-254.
23. **The Main and Recent Syntheses of the N-CF₃ Motif.** ; T. Milcent, B. Crousse. ↪
► [Comptes rendus chimie](#), 2018, vol. 21, Issue 8, 771-781. (Revue dans une spéciale issue suite au congrès du fluor français (CFCF2017) à Murol le 15-18 mai 2017).
24. **Towards a general synthesis of di-aza-amino acids containing peptides** ; F. Bizet, N. Tonali, J.-L. Soulier, A. Oliva, J. Kaffy, B. Crousse, S. Ongéry ↪
► [N. J. Chem.](#), 2018, 42, 17062.
25. **Binding modes of a glycopeptidomimetic molecule on Aβ protofibrils : Implication in its inhibition mechanism** ; L. Tran, J. Kaffy, S. Ongéry ; T. Ha-Duong ↪
► [ACS Chem. Neurosci.](#) 2018, 9, 11, 2859.
26. **Structure-activity Relationships of β-Hairpin Mimics as Modulators of Amyloid β-Peptide Aggregation** ; N. Tonali, J. Kaffy, J.-L. Soulier, M.L. Gelmi, E. Erba, M. Taverna, C. van Heijenoort, T. Ha-Duong, S. Ongéry ↪
► [Eur. J. Med. Chem.](#), 2018, 154, 280-293
27. **Asymmetric synthesis of new cyclic fluorinated amino-acids** ;Hao J., Milcent T., Soloshonok V., Ongéry S., Crousse B. ↪
► [Eur J. Org. Chem.](#) 2018, 3688–3692
28. **Regioselective Halogenation of Arenes and Heterocycles in Hexafluoroisopropanol** ; Ren-Jin Tang, Thierry Milcent, and Benoit Crousse ;

- Ren-Jin Tang, Thierry Milcent, and Benoit Crousse ↪
► [J. Org. Chem., 2018, 83 \(2\), pp 930–938](#)
29. **The use of 4,4,4-trifluorothreonine to stabilize extended peptide structures and mimic β -strands** ; Yaochun Xu, Isabelle Correia, Tap Ha-Duong, Nadjib Kihal, Jean-Louis Soulier, Julia Kaffy, Benoît Crousse, Olivier Lequin and Sandrine Ongéry ↪
► [Beilstein J. Org. Chem. 2017, 13, 2842–2853](#)
30. **Hexafluoro-2-propanol Promotes para-Selective C–H Amination of Free Anilines with Azodicarboxylates** ; Ren-Jin Tang, Thierry Milcent, and Benoit Crousse ↪
► [Eur. J. Org. Chem. 2017, 4753–4757](#)
31. **Synthesis and Characterization of Hairpin Mimics that Modulate the Early Oligomerization and Fibrillization of Amyloid β -Peptide** ; Leila Vahdati, Julia Kaffy, Dimitri Brinet, Guillaume Bernadat, Isabelle Correia, Silvia Panzeri, Roberto Fanelli, Olivier Lequin, Myriam Taverna, Sandrine Ongéry, and Umberto Piarulli ↪
► [Eur. J. Org. Chem. 2017, 2971–2980](#)
32. **N-Difluoromethyl-triazole as a constrained scaffold in peptidomimetics** ; M. Mamone, R. S. B. Gonçalves, F. Blanchard, G. Bernadat, S. Ongéry, T. Milcent and B. Crousse ↪
► [Chem. Commun., 2017, 53, 5024–5027](#)
33. **In vitro monitoring of amyloid β -peptide oligomerization by Electrospray differential mobility analysis : An alternative tool to evaluate Alzheimer's disease drug candidates** ; Dimitri Brinet, François Gaie-Levrel, Vincent Delatour, Julia Kaffy, Sandrine Ongéry, Myriam Taverna ↪
► [Talanta 2017, 156, 84–91](#)
34. **Interaction of chemokine receptor CXCR4 in monomeric and dimeric state with its endogenous ligand CXCL12 : coarse-grained simulations identify differences** ; Cutolo, P ; Basdevant, N ; Bernadat, G ; Bachelerie, F ; Ha-Duong, T ↪
► [J. Biomol. Struct. Dyna. 2017, 35, 399–412](#)
35. **Biochemical analysis of leishmanial and human GDP-Mannose Pyrophosphorylases and selection of inhibitors as new leads** ; Mao, W ; Daligaux, P ; Lazar, N ; Ha-Duong, T ; Cave, C ; van Tilbeurgh, H ; Loiseau, PM ; Pomel, S ↪
► [Scientific Reports 2017, 7, 751](#)
36. **β -Hairpin mimics containing a piperidine–pyrrolidine scaffold modulate the β -amyloid aggregation process preserving the monomer species** ; S. Pellegrino, N. Tonali, E. Erba, J. Kaffy, M. Taverna, A. Contini, M. Taylor, D. Allsop, M. L. Gelmi and S. Ongéry ↪
► [Chem. Sci., 2017, Advance Article](#)
37. **Designed Glycopeptidomimetics Disrupt Protein–Protein Interactions Mediating Amyloid β -Peptide Aggregation and Restore Neuroblastoma Cell Viability** ;Julia Kaffy, Dimitri Brinet, Jean-Louis Soulier, Isabelle Correia, Nicolo Tonali, Katia Fabiana Fera, Yasmine Iacone, Anaïs R. F. Hoffmann, Lucie Khemtémourian, Benoit Crousse, Mark Taylor, David Allsop, Myriam Taverna, Olivier Lequin, and Sandrine Ongéry ↪
► [J. Med. Chem., 2016, 59 \(5\), pp 2025–2040](#)
38. **Structure of ring-shaped A β 42 oligomers determined by conformational selection** ; Linh Tran, Nathalie Basdevant, Chantal Prévost & Tâp Ha-Duong ↪
► [Scientific Reports 6, Article number : 21429 \(2016\)](#)
39. **In vitro monitoring of amyloid β -peptide oligomerization by Electrospray differential mobility analysis : an alternative tool to evaluate Alzheimer's disease drug candidate** Dimitri Brinet, François Gaie-Levrel, Vincent Delatour, Julia Kaffy,

- Sandrine Ongeri, Myriam Taverna ↪
► [_Talenta 2016, in press](#)
40. **Insights into the Conformational Ensemble of Human Islet Amyloid Polypeptide from Molecular Simulations** ; Tran, Linh ; Ha-Duong, Tap ↪
► [_Current Pharmaceutical Design, 2016, 3601-3607](#)
41. **Effect of Post-Translational Amidation on Islet Amyloid Polypeptide Conformational Ensemble : Implications for Its Aggregation Early Steps** ; Linh Tran and Tâp Ha-Duong ↪
► [_Int. J. Mol. Sci. 2016, 17\(11\), 1896](#)
42. **One-pot synthesis of new highly substituted allylic phosphorodiamides** ; Leila Bahria, T. Barhoumi-Slimia, R. Malleka, M.A.K. Sanhourya, B. Crousse, M.T. Ben Dhia ↪
► [_Journal of Fluorine Chemistry, 2016, 189, 96.](#)
43. **Harnessing the Intrinsic Reactivity within the Aplysinopsin Series for the Synthesis of Intricate Dimers : Natural from Start to Finish** ; Skiredj A., Beniddir M.A., Joseph D., Bernadat G., Evanno L., Poupon E. ↪
► [_Synthesis-Stuttgart, 2015, 16, 2367-2376.](#)
44. **IsoCombretQuinazolines : Potent Cytotoxic Agents with Antitubulin Activity.** ; Soussi M.A., Provot O., Bernadat G., Bignon J., Desravines D., Dubois J., Brion J.-D., Messaoudi S., Alami M. ↪
► [_ChemMedChem., 2015, 8, 1392-1402.](#)
45. **Rapid synthesis of 4-arylchromenes from ortho-substituted alkynols : A versatile access to restricted isocombretastatin A-4 analogues as antitumor agents** ; Renko D., Provot O., Rasolofonjatovo E., Bignon J., Rodrigo J., Dubois J., Brion J.-D., Hamze A., Alami M. ↪
► [_Eur. J. Med. Chem., 2015, 90, 834-844](#)
46. **Diversity-oriented synthesis of fused thioglycosyl benzo[e][1,4] oxathiepin-5-ones and benzo[f][1,4]thiazepin-5(2H)-ones by a sequence of palladium-catalyzed glycosyl thiol arylation and deprotection-lactonization reactions.** ; AL-Shuaeeb R.A.A., Galvani G., Bernadat G., Brion J.-D., Alami M., Messaoudi S. ↪
► [_Org. Biomol. Chem., 2015, 44, 10904-10906](#)
47. **Regio-, Diastereo-, and Enantioselective Nitroso-Diels-Alder Reaction of 1,3-Diene-1-carbamates Catalyzed by Chiral Phosphoric Acids.** ; Pous J., Courant T., Bernadat G., Iorga B.I., Blanchard F., Masson G. ↪
► [_J. Am. Chem. Soc., 2015, 37, 11950-11953.](#)
48. **Overlapping binding sites drive allosteric agonism and positive cooperativity in type 4 metabotropic glutamate receptors.** ; Rovira X., Malhaire F., Scholler P., Rodrigo J., Gonzalez-Bulnes P., Llebaria A. ; Pin J.-P., Giraldo J., Goudet C. ↪
► [_Faseb Journal, 2015, 1, 116-130](#)
49. **Benefits of a Dual Chemical and Physical Activation : Direct aza-Michael Addition of Anilines Promoted by Solvent Effect under High Pressure.** ; Fedotova A., Crousse B., Chataigner I., Maddaluno J., Rulev A.Y., Legros J. ↪
► [_J. Org. Chem., 2015, 20, 10375-10379](#)
50. **Cetuximab directly inhibits P-glycoprotein function *in vitro* independently of EGFR binding.** ; Chu C., Noel-Hudson M.S., Benard J., Ha-Duong T., Allaoui F., Farinotti R., Bonhomme-Faivre L. ↪
► [_Eur. J. Pharm. Sci., 2015, 76, 18-26](#)
51. **Exploring the Alzheimer amyloid-beta peptide conformational ensemble : A review of molecular dynamics approaches.** ; Tran L., Ha-Duong T. ↪
► [_Peptides, 2015, 69, 86-91](#)

52. **Reactivity of carbon dioxide in hydrofluoroethers : a facile access to cyclic carbonates** ; Marius Mamone, Thierry Milcent and Benoit Crousse ↪
► [Chem. Commun., 2015, 51, 12736-12739](#)
53. **Electrophilic Amination of Fluoroalkyl Groups on Azodicarboxylate Derivatives** ; Marius Mamone, Estelle Morvan, Thierry Milcent, Sandrine Ongéry, and Benoit Crousse ↪
► [J. Org. Chem., 2015, 80 \(3\), pp 1964–1971](#)
54. **Synthesis and conformational studies of a stable peptidomimetic β -hairpin based on a bifunctional diketopiperazine turn inducer** ; Leila Vahdati, Roberto Fanelli, Guillaume Bernadat, Isabelle Correia, Olivier Lequin, Sandrine Ongéry and Umberto Piarulli ↪
► [New J. Chem., 2015, 39, 3250-3258](#)
55. **Structure-activity Relationships of Sugar-based peptidomimetics as modulators of amyloid B-peptide early oligomerization and fibrillization** ; J. Kaffy, D. Briné, J-L Soulier, L. Khemtémourian, O. Lequin, M. Taverna, B. Crousse, S. Ongéry. ↪
► [Eur. J. Med. Chem. 2014, 86, 752-758.](#)
56. **An improved CE method for the *In vitro* monitoring of the challenging early steps of the A β 1-42 peptide oligomerization : application to anti-Alzheimer's drug discovery**. D. Briné, J. Kaffy, F. Oukacine, S. Glumm, S. Ongéry, M. Taverna.
↪
► [Electrophoresis, 2014, 35, 23, 3302-3309.](#)
57. **Toward the Total Synthesis of Klaivanolide : Complete Reinterpretation of Its Originally Assigned Structure**. Laurent Ferrié, Sabrina Ferhi, Guillaume Bernadat, Bruno Figadère. ↪
► [European Journal of Organic Chemistry, 2014, 28, 6183-6189.](#)
58. **Access to Novel Functionalized Trifluoromethyl β -Lactams By Ring Expansion of Aziridines**. S. Descamps, L. Sevaille, S. Ongéry, B. Crousse. ↪
► [Org. Biomol. Chem. 2014, 12, 6345-8.](#)
59. **A Unified Bioinspired “Aplysinopsin Cascade” : Total Synthesis of (\pm)-Tubastrindole B and Related Biosynthetic Congener**. Adam Skiredj, Mehdi A. Beniddir, Delphine Joseph, Karine Leblanc, Guillaume Bernadat, Laurent Evanno and Erwan Poupon. ↪
► [Organic Letters, 2014, 16 \(19\), 4980–4983.](#)
60. **Coarse-Grained Models of the Proteins Backbone Conformational Dynamics** ; T. Ha-Duong ↪
► [Protein Conformational Dynamics, 2014, Ed. by K.L. Han, X. Zhang and M.J. Yang, Springer, Switzerland, pp.157-169.](#)
61. **Influence of GTP/GDP and Magnesium Ion on the Solvated Structure of the Protein FtsZ : A Molecular Dynamics Study**. Jamous C., Basdevant N., Ha-Duong T.. ↪
► [J. Biomol. Struct. Dyn., 2014, 32, 916-927.](#)
62. **Introduction of polar groups on the naphthalene scaffold of molecular tongs inhibiting wild-type and mutated HIV-1 protease dimerization**. R. Fanelli, A. S. Ressurreição, L. Dufau, J.-L. Soulier, A. Vidu, N. Tonali, G. Bernadat, M. Reboud-Ravaux, S. Ongéry. ↪
► [MedChemComm 2014, 5 \(6\), 719 - 727.](#)
63. **19 F NMR Monitoring of the Eukaryotic 20S Proteasome Chymotrypsin-like Activity : Investigative tool for studying Allosteric Regulation**. M. Keita, J. Kaffy, C. Troufflard, E. Morvan, B. Crousse and S. Ongéry. ↪
► [Org. Biomol. Chem. 2014, 12, 4576 – 4581.](#)

64. **Spontaneous Biomimetic Formation of (\pm)-Dictazole B under Irradiation with Artificial Sunlight.** Skiredj A., Beniddir M. A., Joseph D., Leblanc K., Bernadat G., Evanno L., Poupon E. [Angew. Chem. Int. Ed. 2014, 53, \(25\), 6419–6424](#)
65. **Highly Stereoselective aza-Baylis–Hillman Reactions of CF₃-Sulfinylimines : Straightforward Access to α -Methylene β -CF₃ β -Amino Acids.** Thierry Milcent, Jing Hao, Kosuke Kawada, Vadim A. Soloshonok, Sandrine Ongéry, and Benoit Crousse. [Eur. J. Org. Chem. 2014, 3072–3075.](#)
66. **Discovery of azaisoerianin derivatives as potential antitumors agents.** Soussi M. A., Provot O., Bernadat G., Bignon. J., Wdzieczak-Bakala J., Desravines D., Dubois J., Brion. J.-D., Messaoudi S., Alami M. [Eur. J. Med. Chem. 2014, 78, 178–189.](#)
67. **Straightforward synthesis of 2-propylquinolines under multicomponent conditions in fluorinated alcohols.** Venkateswarlu C., Balaji P.V., De K., Crousse B., Figadère B., Legros J. [J. Fluorine Chem., 2013, 152, 94–98.](#)
68. **Synthesis, biological evaluation, and structure-activity relationships of tri- and tetrasubstituted olefins related to isocombretastatin A-4 as new tubulin inhibitors.** Aziz J., Brachet É., Hamze A., Peyrat J.-F., Bernadat G., Morvan E., Bignon J., Wdzieczak-Bakala J., Desravines D., Dubois J., Tueni M., Yassine A., Brion J.-D., Alami M. [Org. Biomol. Chem. 2013, 11, 430–442.](#)
69. **α - and β -hydrazino acid-based pseudopeptides inhibit the chymotrypsin-like activity of the eukaryotic 20S proteasome** Andrea Bordessa, Massaba Keita, Xavier Maréchal, Lucia Formicola, Nathalie Lagarde , Jordi Rodrigo, Guillaume Bernadat, Cyril Bauvais, Jean-Louis Soulier , Laure Dufau, Thierry Milcent , Benoit Crousse , Michèle Reboud-Ravaux , Sandrine Ongéry. [European Journal of Medicinal Chemistry, 70, 2013, 505–524](#)
70. **Semisynthesis of (+)- and (-)-goniomitine from (-)- and (+)-vincadifformine.** Lewin G., Bernadat G., Aubert G., Cresteil T. [Tetrahedron, 2013, 69, 1622–1627.](#)
71. **Toward the strengthening of H-bond donation of hydroxylated poly(2,3,4,5,6-pentafluorostyrene) prepared by thiol-para-fluoro coupling thanks to polyfluorinated mercaptoalcohol** J. Chena, D. Vuluga, J. Legros, B. Crousse, J. Duchet-Rumeau, A. Charlot, D. Portinha. [Polymer 2013 \(54\) 3757.](#)
72. **Straightforward synthesis of 2-propylquinolines under multicomponent conditions in fluorinated alcohols.** Ch. Venkateswarlu, P.V. Balaji, Kavita De, Benoit Crousse, Bruno Figadère, Julien Legros J. [Fluorine Chem. 2013 \(152\) 94.](#)
73. **Access to novel amino trifluoromethyl cyclopropane carboxylic acid derivatives.** Massaba Keita, Rocco De Bona, Mickael Dos Santos, Olivier Lequin, Sandrine Ongéry, Thierry Milcent, Benoit Crousse. [Tetrahedron 2013 69 \(15\), 3308.](#)
74. **Modelling protein-protein recognition in solution using the coarse-grained force-field SCORPION.** Basdevant N., Borgis D., Ha-Duong T. [J. Chem. Theory Comput., 2013, 9, 803–813.](#)

75. **Toward the strengthening of H-bond donation of hydroxylated poly(2,3,4,5,6-pentafluorostyrene) prepared by thiol-para-fluoro coupling thanks to polyfluorinated mercaptoalcohol.** Chena J., Vuluga D., Legros J., Crousse B., Duchet-Rumeau J., Charlot A., Portinha D. ↪
► [Polymer, 2013, 54, 3757-3766.](#)
76. **A One Pot Synthesis of 3-CF₃-2-Isoxazolines From The Trifluoromethyl Aldoxime.** Schroeder Borges Goncalves R., Dos Santos M., Bernadat B., Bonnet-Delpont D., Crousse B. ↪
► [Beilstein J. Org. Chem., 2013, 9, 2387-2394.](#) Special issue on fluorine chemistry, editor David O'Hagan.
77. **Non covalent proteasome inhibitors** ↪
Julia Kaffy, Guillaume Bernadat, Sandrine Ongeri. ↪
► [Current Pharmaceutical Design 2013, 19, 4115-4130.](#)
78. **Synthesis of Fluorinated N-Aminoaziridines : Access to New CF₃-Peptidomimetics** B. Schweitzer-Chaput, M. Keita, T. Milcent, S. Ongeri, B. Crousse. ↪
► [Tetrahedron 2012, 68 \(35\), 7028.](#)
79. **Synthesis and evaluation of fluorinated analogues of monoamine reuptake inhibitors.** Christine Philippe, Julia Kaffy, Thierry Milcent, Daniele Bonnet-Delpont. ↪
► [J. Fluorine Chem. 2012 134, 136-145.](#)
80. **Carbonylhydrazide-based molecular tongs inhibit wild-type and mutated HIV-1 protease dimerization.** Dufau, Laure ; Marques Ressurreição, Ana Sofia ; Fanelli, Roberto ; Kihal, Nadjib ; Vidu, Anamaria ; Milcent, Thierry ; Soulier, Jean-Louis ; Rodrigo De Losada, Jordi ; Desvergne, Audrey ; Leblanc, Karine ; Guillaume Bernadat ; Crousse, Benoit ; Reboud-Ravaux, Michèle ; Ongeri, Sandrine. ↪
► [J. Med. Chem. 2012 55 \(15\) 6762-6775.](#)
81. **Self-assembly between 1,4-diazabicyclo[2.2.2]octane and bis(hexafluoroalcohols) : solid/liquid phase switching for catalyst recycling.** Julien Legros, Danièle Bonnet-Delpont, Benoit Crousse and Alexandra M. Z. Slawin ↪
► [Catalysis Science & Technology 2012, 2 \(5\), 934 - 936.](#)
82. **Platinum-Catalyzed Substitution of Allylic Fluorides.** Elena Benedetto, Massaba Keita, Matthew Tredwell, Charlotte Hollingworth, John M. Brown and Véronique Gouverneur. ↪
► [Organometallics, 2012, 31 \(4\), 1408-1416.](#)
83. **The Fluorous Effect in Biomolecular Applications : A Tutorial Review** ↪
Milani Roberto, Massimo Cometti, Benoit Crousse, Giuseppe Resnati, Pierangelo Metrangolo. ↪
► [Chem. Soc. Rev. 2012, 41, 31-42.](#)
84. **Transition metal-catalyzed cyclopropanation of alkenes in fluorinated alcohols.** Azzouzi-Zriba, Kaouther ; Bonnet-Delpont, Daniele ; Crousse, Benoit ↪
► [J. Fluorine Chemistry 2011, 132 \(10\), 811-814.](#)
85. **Sugar-based peptidomimetics inhibit amyloid beta-peptide aggregation.** Dorgeret, Bertrand ; Khemtemourian, Lucie ; Correia, Isabelle ; et al. ↪
► [Eur. J. Med. Chem. 2011, 46 \(12\), 5959-5969.](#)
86. **Fluorous tagging of DABCO through halogen bonding : recyclable catalyst for the Morita-Baylis-Hillman reaction.** Dordonne, Sophie ; Crousse, Benoit ; Bonnet-Delpont, Daniele ↪
► [Chem. Com. 2011, 47, 5855-5857.](#)

87. **Nonmetal Catalyzed Insertion Reactions of Diazocarbonyls to Acid Derivatives in Fluorinated Alcohols.** Dumitrescu, Lidia ; Azzouzi-Zriba, Kaouther ; Bonnet-Delpon, Daniele ↪
► [Org. Lett. 2011, 13 \(4\), 692-695.](#)
88. **Influence of the Structure of Polyfluorinated Alcohols on Bronsted Acidity/Hydrogen-Bond Donor Ability and Consequences on the Promoter Effect.** Vuluga, Daniela ; Legros, Julien ; Crousse, Benoit ↪
► [J. Org. Chem. 2011, 76 \(4\), 1126-1133.](#)
89. **Synthesis of substituted 8-aminoquinolines and phenanthrolines through a Povarov approach.** De, Kavita ; Legros, Julien ; Crousse, Benoit ↪
► [Org. & Biomol. Chem. 2011, 9 \(2\), 347-350.](#)
90. **Toward the First Nonpeptidic Molecular Tong Inhibitor of Wild-Type and Mutated HIV-1 Protease Dimerization.** Vidu, Anamaria ; Dufau, Laure ; Bannwarth, Ludovic ; et al. ↪
► [ChemMedChem 2010, 5 \(11\), 1899-1906.](#)
91. **Aminocyclopropanes as precursors of endoperoxides with antimalarial activity.** Madelaine, Claire ; Buriez, Olivier ; Crousse, Benoit ↪
► [Organic & Biomolecular Chemistry 2010, 8 \(24\), 5591-5601.](#)
92. **Synthesis and cytotoxic activity of fluorinated analogues of goniothalamus lactones. Impact of fluorine on oxidative processes.** ↪
Dumitrescu, Lidia ; Doan Thi Mai Huong ; Nguyen Van Hung ; et al. ↪
► [Eur. J. of Med. Chem. 2010, 45 \(7\), 3213-3218](#)
93. **Trifluoromethyl nitrones : from fluoral to optically active hydroxylamines.** Milcent, Thierry ; Hinks, Nathan ; Bonnet-Delpon, Daniele ; Crousse Benoit ↪
► [Organic & Biomolecular Chemistry 2010, 8 \(13\), 3025-3030.](#)
94. **Fluorous 4-N,N-Dimethylaminopyridine (DMAP) Salts as Simple Recyclable Acylation Catalysts.** Vuluga, Daniela ; Legros, Julien ; Crousse, Benoit ; et al. ↪
► [Chemistry - Eur. J. 2009, 16 \(6\), 1776-1779.](#)
95. **Cyclic RGD-Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds as New Potent Integrin Ligands.** da Ressurreicao, Ana Sofia M. ; Vidu, Anamaria ; Civera, Monica ; et al. ↪
► [Chem – Eur. J. 2009, 15 \(45\), 12184-12188.](#)
96. **Synthesis of New Trifluoromethylated Hydroxyethylamine-Based Scaffolds.** Philippe, Christine ; Milcent, Thierry ; Tam, Nguyen Thi Ngoc ; et al. ↪
► [Eur. J. Org. 2009, 30, 5215-5223.](#)
97. **Solvent-Promoted and -Controlled Aza-Michael Reaction with Aromatic Amines.** De, Kavita ; Legros, Julien ; Crousse, Benoit ; et al. ↪
► [J. Org. Chem. 2009, 74, \(16\), 6260-6265.](#)
98. **Facile Access to Fluorinated Aryl and Vinyl Ethers through Copper-Catalysed Reaction of Fluoro Alcohols.** Vuluga, Daniela ; Legros, Julien ; Crousse, Benoit ; et al. ↪
► [Eur. J. Org. 2009, 21, 3513-3518](#)
99. **Non Lewis acid catalysed epoxide ring opening with amino acid esters.** Philippe, Christine ; Milcent, Thierry ; Crousse, Benoit ; et al. ↪
► [Org. Biomol. Chem. 2009, 7 \(10\), 2026-2028.](#)
100. **Novel fluorinated pseudopeptides as proteasome inhibitors.** Formicola L., Maréchal X., Basse N., Bouvier-Durand M., Bonnet-Delpon D., Milcent T., Reboud-Ravaux M., Ongeri S. ↪
► [Bioorg Med Chem Lett. 2009, 19\(1\), 83-86.](#)

101. **Improved Ritter reaction with CF₃-containing oxirane for an access to central units of protease inhibitors.** Dos Santos, Mickael ; Crousse, Benoit ; Bonnet-Delpon, Danièle ↵
► [Tetrahedron Lett. 2008, 50 \(8\), 857-859.](#)
102. **Synthesis of pyrazoles through catalyst-free cycloaddition of diazo compounds to alkynes.** Vuluga, Daniela ; Legros, Julien ; Crousse, Benoit ; et al. ↵
► [Green Chem. 2008, 11 \(2\), 156-159.](#)
103. **Synthesis of 2,3-unsaturated glycosides via metal-free Ferrier reaction.** De, Kavita ; Legros, Julien ; Crousse, Benoit ; et al. ↵
► [Tetrahedron 2008, 64 \(46\), 10497-10500.](#)
104. **Solubility switch of gold nanoparticles through hydrogen bond association.** Vuluga, Daniela ; Legros, Julien ; Crousse, Benoit ; et al. ↵
► [Chem. Com. 2008, 40, 4954-4955.](#)
105. **Fluorous analogues of DMAP (F-DMAP) : Reusable organocatalysts for acylation reaction.** Legros, Julien ; Crousse, Benoit ; Bonnet-Delpon, Danièle ↵
► [J. Fluorine Chem. 2008, 129 \(10\), 974-977.](#)
106. **In vitro antileishmanial activity of fluoro-artemisinin derivatives against Leishmania donovani.** Chollet, Constance ; Crousse, Benoit ; Bories, Christian ; et al.
↳
► [Biomedicine & Pharmacotherapy 2008, 62 \(7\), 462-465.](#)
107. **Synthesis of new triazole-based trifluoromethyl scaffolds.** ↵
Martinelli, Michela ; Milcent, Thierry ; Ongeri, Sandrine ; et al. ↵
► [Beil. J. Org. Chem. 2008, 4, art. n° 19.](#)
108. **Barbier Conditions for Reformatsky and Alkylation Reactions on Trifluoromethyl Aldimines.** Mickael Dos Santos, Benoit Crousse, Danièle Bonnet-Delpon ↵
► [Synlett 2008, 3, 399-401.](#)
109. **Synthesis and conformational studies of pseudopeptides containing an unsymmetrical triazine scaffold.** Bourguet, Erika ; Correia, Isabelle ; Dorgeret, Bertrand ; et al. ↵
► [J. Pept. Science 2008, 14 \(5\), 596-609.](#)