



ILV

Institut Lavoisier de Versailles

(2023) COMPOSÉS FLUORÉS ET PROCESSUS PHOTO-INDUITS

<< Retour

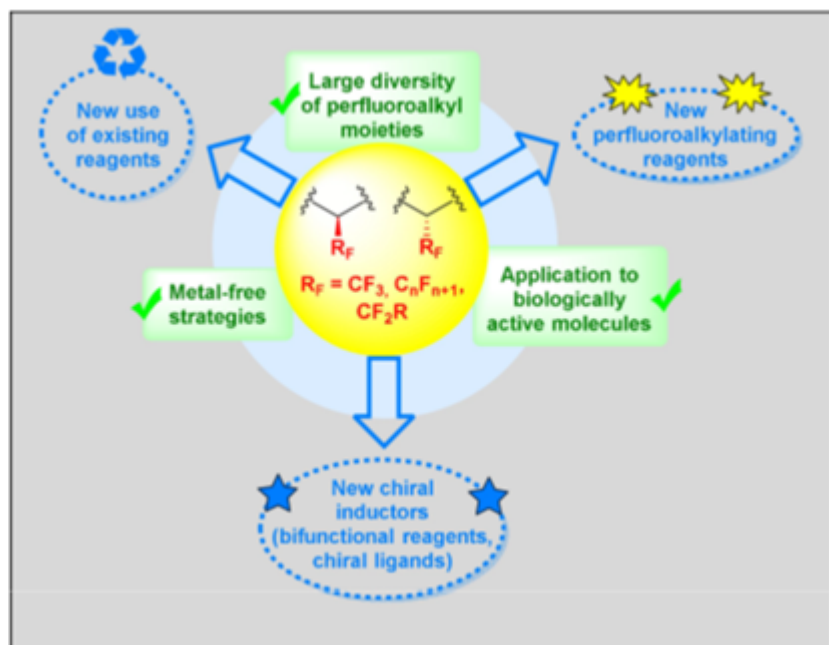
2024 2023 2022 2021 2020 2019 2018 2017 2016 2015
2014 2013 2012 2011 2010-

[104]. M. Briand, E. Anselmi, G. Dagousset, E. Magnier.

The revival of Enantioselective Perfluoroalkylation - Update of New Synthetic Approaches from 2015-2022

Chem. Rec. **2023**, *23*, e202300114

DOI/10.1002/tcr.202300114

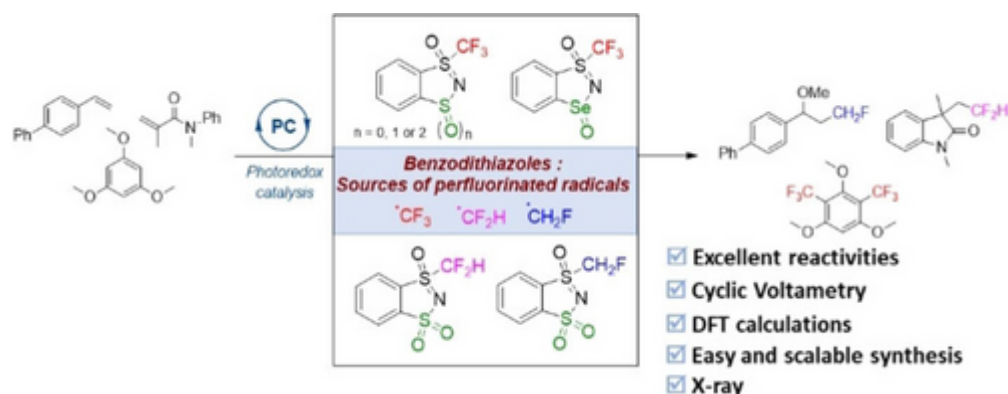


[103]. T. Duhail, S. Messaoudi, G. Dagousset, J. Marrot, C. André-Barrès, E. Magnier, E. Anselmi.

Benzodithiazoles-Sulfoximines: Preparation, Properties and Reactivities as Radical Perfluoroalkylating Agents

Adv. Synth. Catal. **2023**, *365*, 2392

DOI/10.1002/adsc.202300553

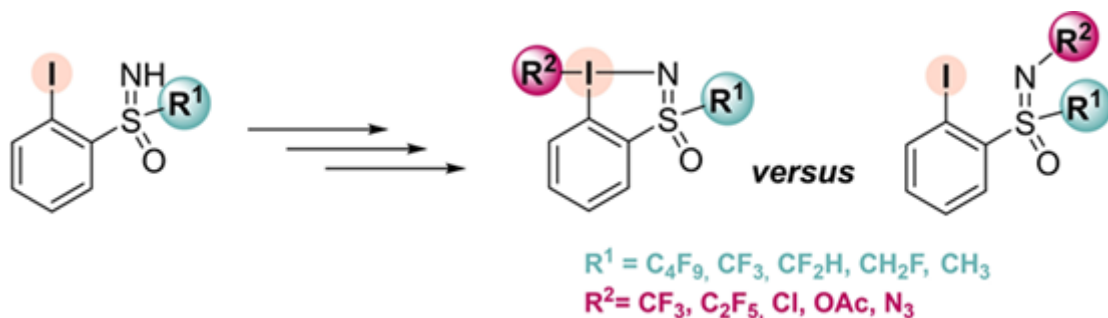


[102]. T. Duhail, J. Kalim, J. Marrot, B. Pégot, E. Magnier, E. Anselmi

Perfluoroalkylated Sulfoximines as Analogues of Togni Reagents: The Crucial role of Fluorine Atoms for the Stability of Hypervalent Iodine Scaffolds

Eur. J. Org. Chem. **2023**, e202300963

DOI:10.1002/ejoc.202300963

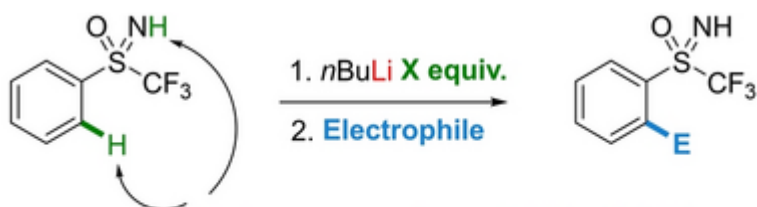


[101]. M. Hédouin, A.-L. Barthelemy, N. Vanthuyne, H. Besrour, J. Maddaluno, E. Magnier, H. Oulyadi

NMR and DFT Studies with a Doubly Labelled $^{15}N/^{6}Li$ S-Trifluoromethyl Sulfoximine Reveal Why a Directed ortho-Lithiation Requires an Excess of *n*-BuLi

Angew. Chem. Int Ed. **2023**, *62*, e202214106.

DOI:10.1002/anie.202214106



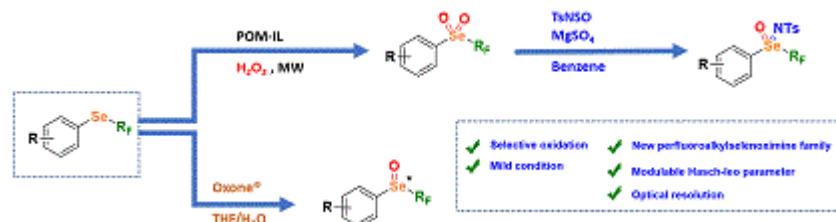
- In theory: 2 equivalents are enough and double alkylation occurs
- In reality: 3 to 5 equivalents are necessary and selective functionalization

[100]. A. de Zordo-Banliat, K. Grollier, N. Vanthuyne, S. Floquet, T. Billard, G. Dagousset, B. Pégot, E. Magnier

Perfluoroalkyl Selenoxides, Selenones and Selenoximines: General Preparation and Properties

Angew. Chem. Int. Ed. **2023**, *62*, e202300951.

DOI/10.1002/anie.202300951



[99]. C. Banoun, F. Bourdreux, G. Dagousset

Highly selective -alkoxylation, -amination and -alkylation of unbiased enals by means of photoredox catalysis

Chem. Commun. **2023**, *59*, 760

DOI/10.1039/D2CC05749B

