



ILV

Institut Lavoisier de Versailles

(2021) COMPOSÉS FLUORÉS ET PROCESSUS PHOTO-INDUITS

[<< Retour](#)

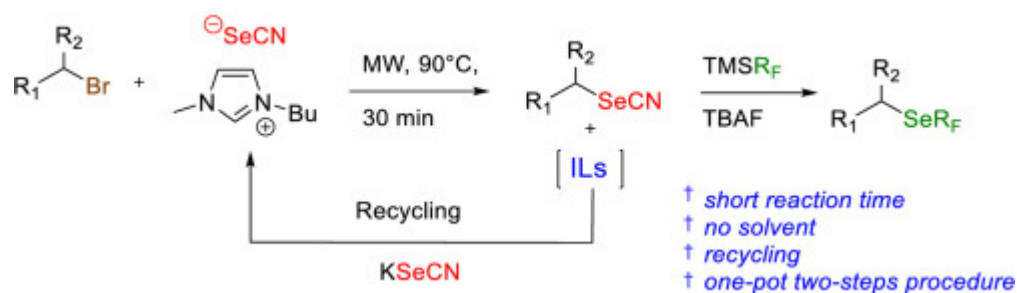
2024 2023 2022 2021 2020 2019 2018 2017 2016 2015
2014 2013 2012 2011 2010-

[93]. A. De Zordo-Banliat, K. Grollier, A. Damond, T. Billard, G. Dagousset, E. Magnier, B. Pégot

Fe-mediated nucleophilic trifluoromethylselenolation of activated alkyl bromides via umpolung reactivity of trifluoromethyl tolueneselenosulfinate

Tetrahedron **2021**, *101*, 132507

DOI: 10.1016/j.tet.2021.132507

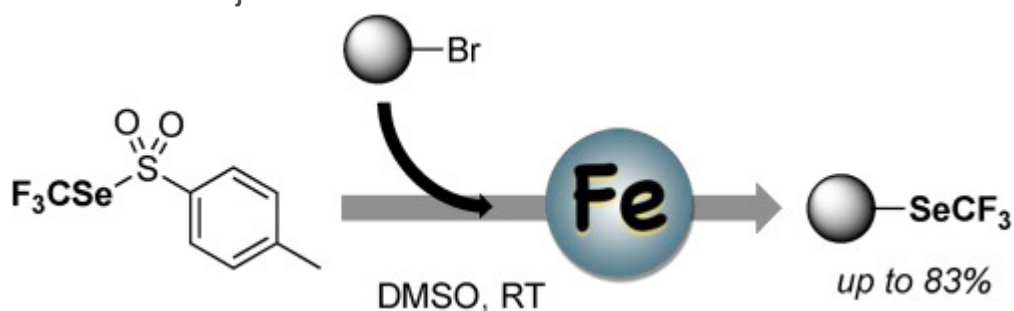


[92]. K. Grollier, E. Chefdeville, A. De Zordo-Banliat, B. Pegot, G. Dagousset, E. Magnier, T. Billard

Fe-mediated nucleophilic trifluoromethylselenolation of activated alkyl bromides via umpolung reactivity of trifluoromethyl tolueneselenosulfinate

Tetrahedron **2021**, *100*, 132498

DOI: 10.1016/j.tet.2021.132498

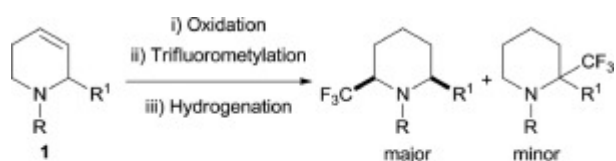


[91]. A. Talavera-Alemán, G. Dagousset, C. Thomassigny

Synthesis of -trifluoromethyl piperidine derivatives from tetrahydropyridines via nucleophilic trifluoromethylation of pyridinium cations

J. Fluorine Chem. **2021**, *252*, 109904

DOI: 10.1016/j.jfluchem.2021.109904



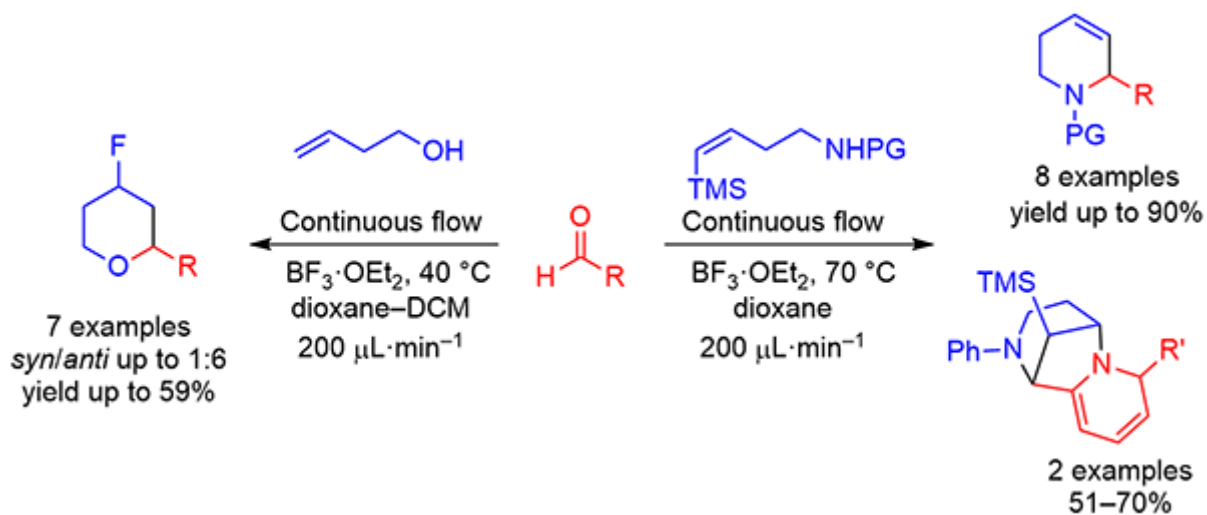
Pyridinium salt as the key intermediate
 No trifluoromethylation at C-4
 Applicable to piperidines as starting materials

[90]. A. Talavera-Alemán, J. Marrot, G. Dagousset, C. Thomassigny

Synthesis of Nitrogen- and Oxygen-Containing Heterocycles by Prins Cyclization in Continuous Flow

Synthesis **2021**, *53*, 1478

DOI: 10.1055/s-0040-1705988

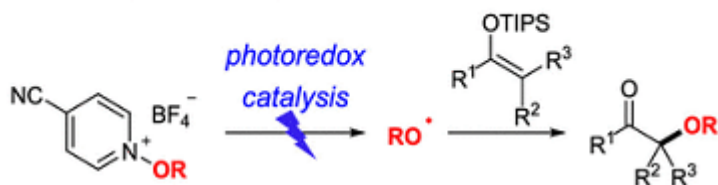


[89]. C. Banoun, F. Bourdreux, E. Magnier, G. Dagousset
**Intermolecular C–O Bond Formation with Alkoxy Radicals: Photoredox-Catalyzed -
 Alkoxylation of Carbonyl Compounds**

Org. Lett. **2021**, *23*, 8926

DOI: 10.1021/acs.orglett.1c03444

Radical α-alkoxylation of silyl enol ethers and silylketene N,O-acetals



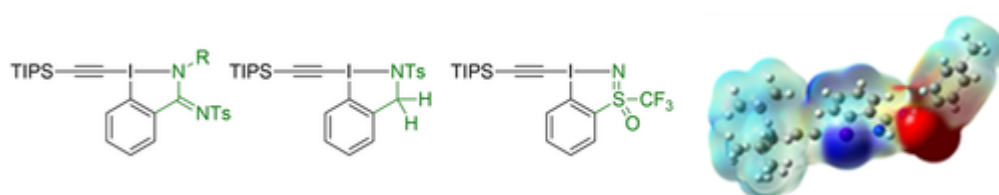
- 48 examples, up to 89% yield
- Possible in a one-pot process from carbonyls
- Compatible with complex alkoxy groups
- Applicable to biorelevant molecules

[88]. E. Le Du, T. Duhail, M. D. Wodrich, R. Scopelliti, F. Fadaei-Tirani, E. Anselmi, E. Magnier, J. Waser

Structure and Reactivity of N-Heterocyclic Alkynyl Hypervalent Iodine Reagents

Chem. Eur. J. **2021**, *27*, 10979

DOI: 10.1002/chem.202101475

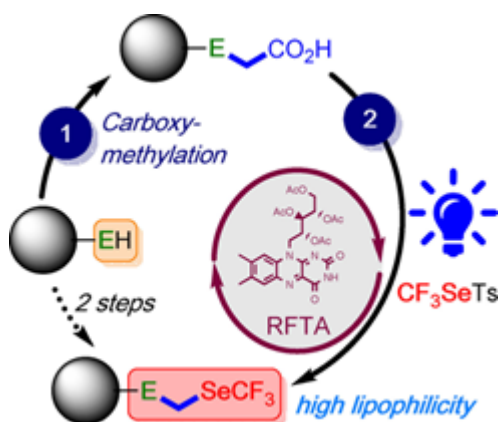


[87]. K. Grollier, A. De Zordo-Banliat, F. Bourdreux, B. Pégot, G. Dagousset, E. Magnier, T. Billard.

(Trifluoromethylselenenyl)methylchalcogenyl as emerging fluorinated groups: synthesis under photoredox catalysis and determination of the lipophilicity

Chem. Eur. J. **2021**, *27*, 6028

DOI: 10.1002/chem.202100053

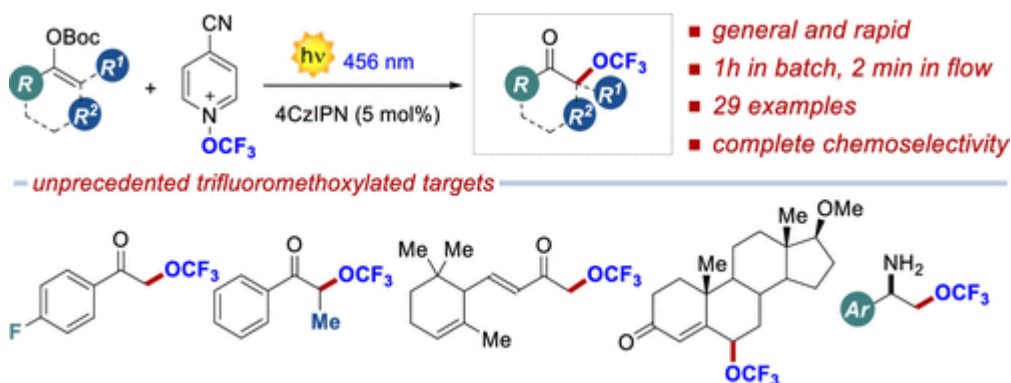


[86]. T. Duhail, T. Bortolato, J. Mateos, E. Anselmi, B. Jelier, A. Togni, E. Magnier, G. Dagousset, L. Dell'Amico

Radical Trifluoromethoxylation of Ketones under Batch and Flow Conditions by Means of Organic Photoredox Catalysis

Org. Lett. **2021**, *23*, 7088

DOI: 10.1021/acs.orglett.1c02494

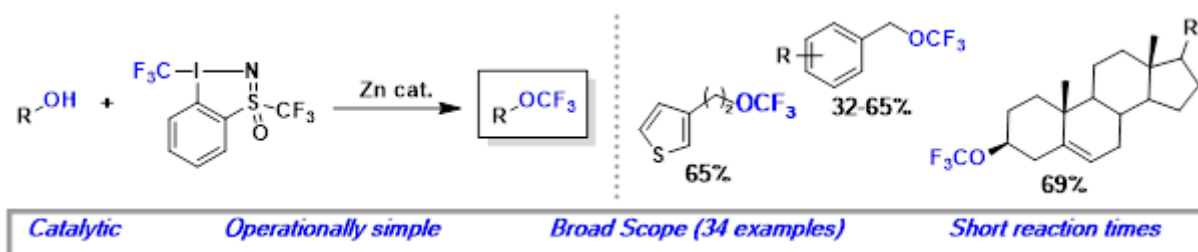


[85]. J. Kalim, T. Duhail, E. Pietrasiak, E. Anselmi, A. Togni, E. Magnier

Direct Trifluoromethylation of Alcohols Using a Hypervalent Iodosulfoximine Reagent

Chem. Eur. J. **2021**, *27*, 2638

DOI: 10.1002/chem.202005104

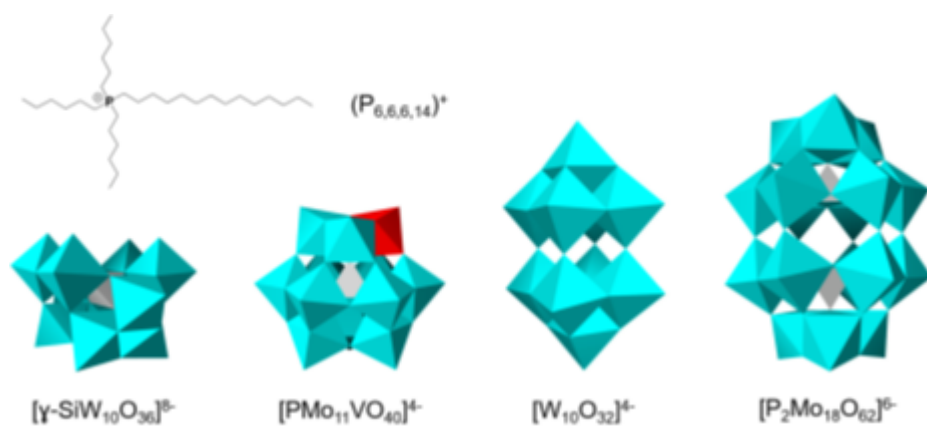


[84]. Y. Martinetto, S. Basset, B. Pégot, C. Roch-Marchal, F. Camerel, J. Jeftic, B. Cottyn-Boitte, E. Magnier, S. Floquet

Synthesis, Physical Properties and Application of a Series of New Polyoxometalate-Based Ionic Liquids

Molecules **2021**, *26*, 496

DOI: 10.3390/molecules26020496

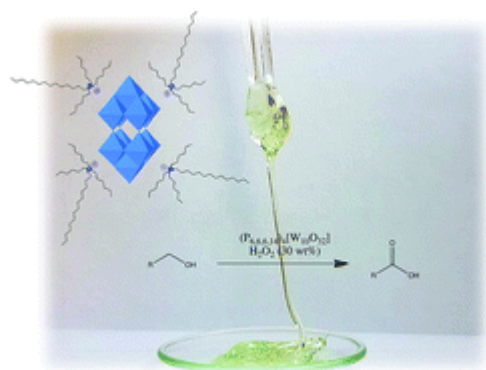


[83]. Y. Martinetto, B. Pégot, C. Roch-Marchal, M. Haouas, B. Cottyn-Boitte, F. Camerel, J. Jeftic, D. Morineau, E. Magnier, S. Floquet

A decatungstate-based ionic liquid exhibiting a very low dielectric constant suitable for acting as a solvent and a catalyst for the oxidation of organic substrates

New J. Chem. **2021**, *45*, 9751

DOI: 10.1039/D1NJ01214B



[82]. A. Messara, N. Vanthuyne, P. Diter, M. Elhabiri, A. Panossian, G. Hanquet, E. Magnier, F. Leroux

Aryl fluoroalkyl sulfoxides: optical stability and pKa measurement

Eur. J. Org. Chem. **2021**, 5019

DOI: 10.1002/ejoc.202100816

