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PUBLICATIONS FLUORINATED COMPOUNDS AND PHOTOINDUCED PROCESSES

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2023

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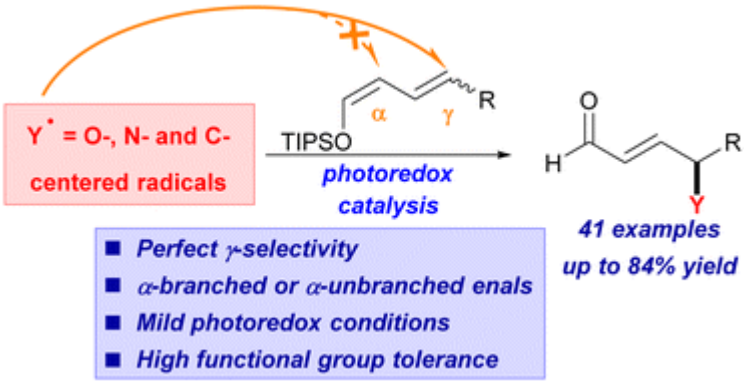
Highly selective -alkoxylation, -amination and -alkylation of unbiased enals by means of photoredox catalysis

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

DOI/10.1039/D2CC05749B



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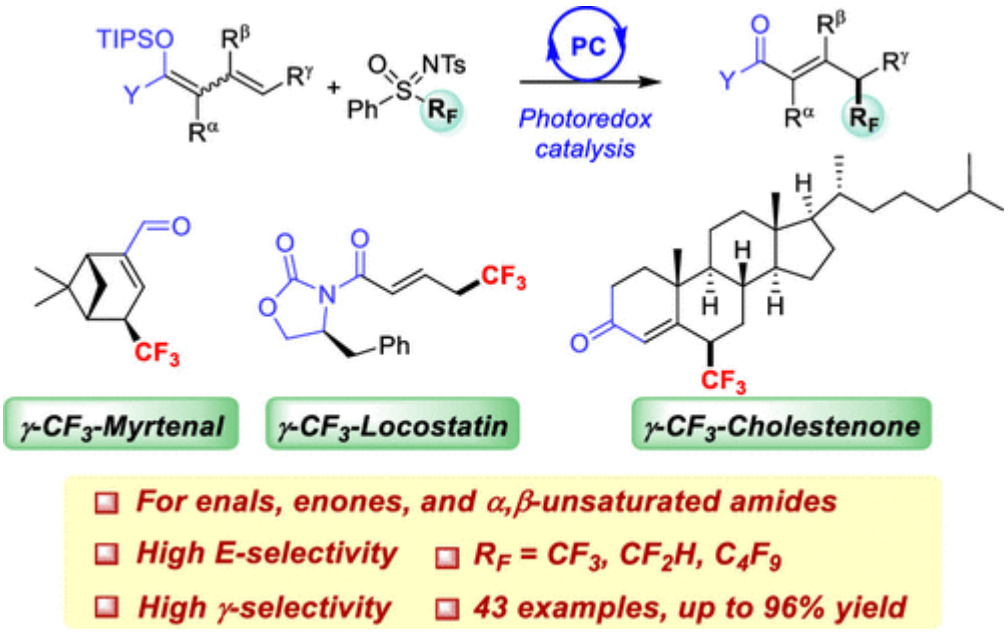
[98]. M. Briand, L. D. Thai, F. Bourdreux, N. Vanthuyne, X. Moreau, E. Magnier, E. Anselmi, G. Dagousset

Remote Radical Trifluoromethylation: A Unified Approach to the Selective Synthesis of Trifluoromethyl ,-Unsaturated Carbonyl Compounds

Org. Lett. **2022**, *24*, 9375

DOI/10.1021/acs.orglett.2c03676



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

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

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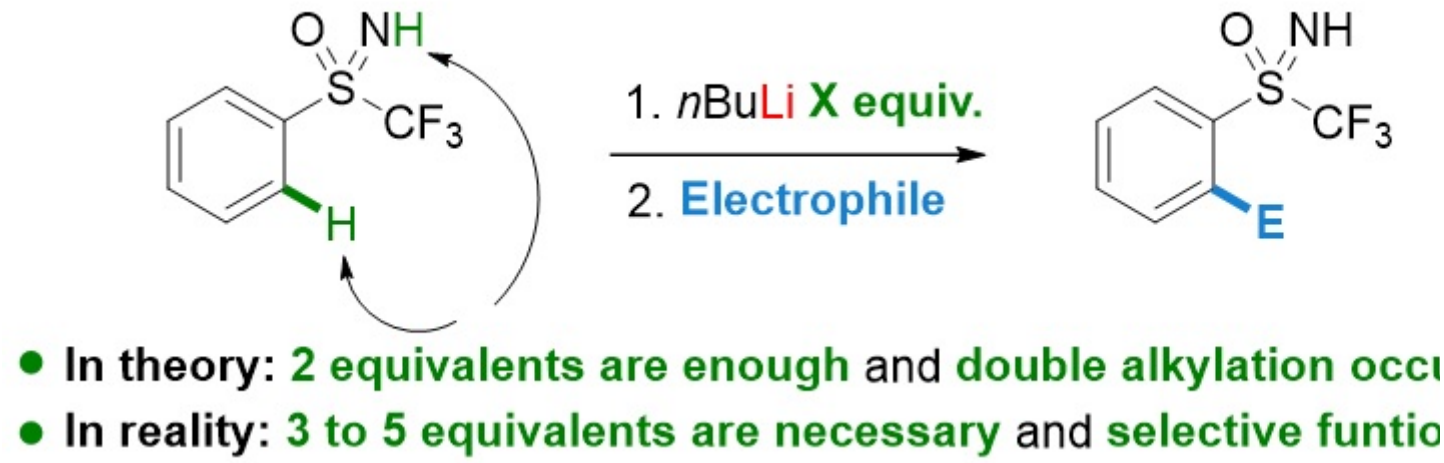

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Alpha-amination of labdane-type diterpenes by organocatalysis

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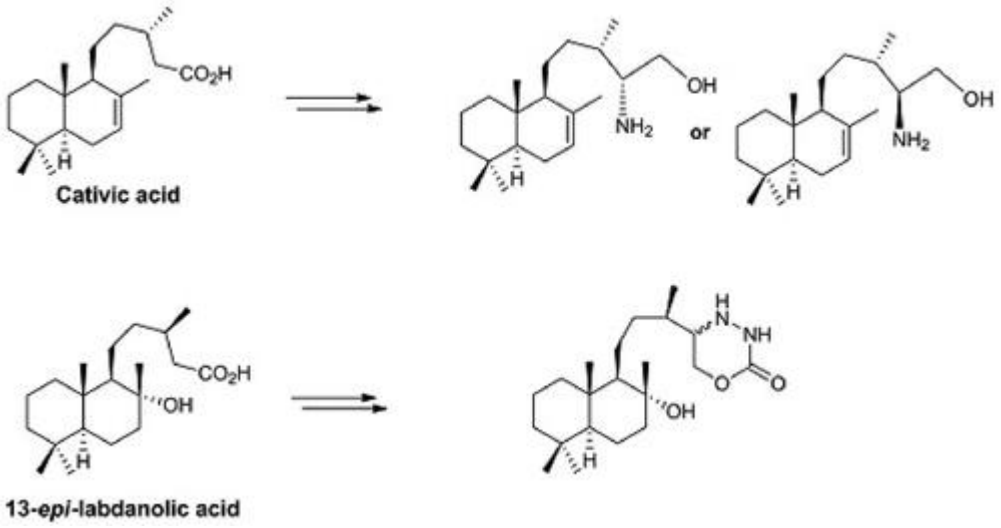
DOI: 10.1080/00397911.2022.2032174



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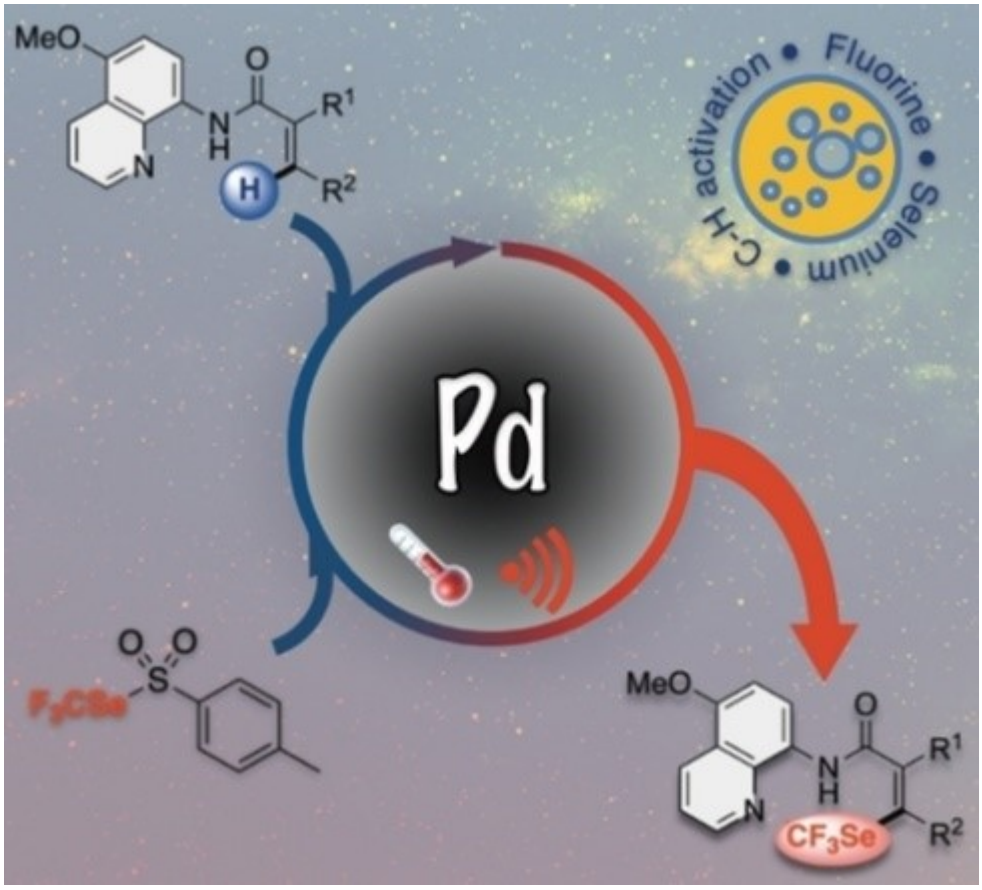
Vinylic Trifluoromethylselenolation via Pd-Catalyzed CH Activation

Chem. Eur. J. **2022**, *28*, e202202299

DOI: 10.1002/chem.202202299



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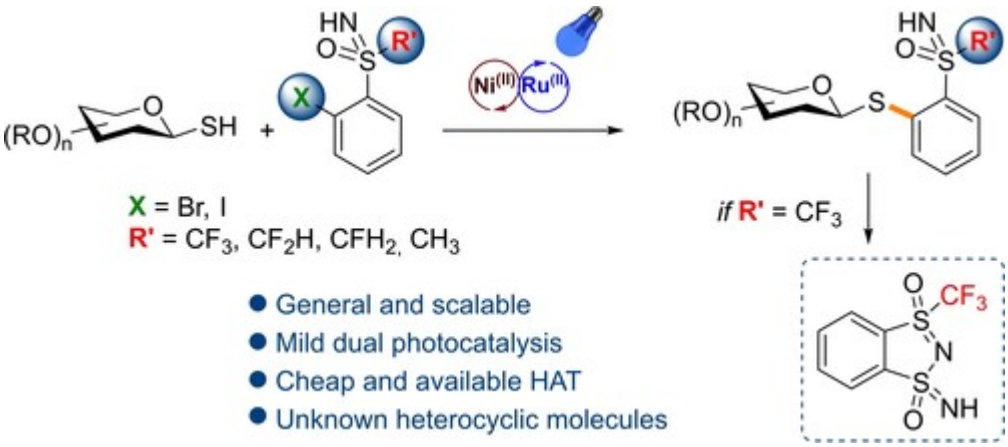
DOI: 10.1002/ejoc.202200173



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

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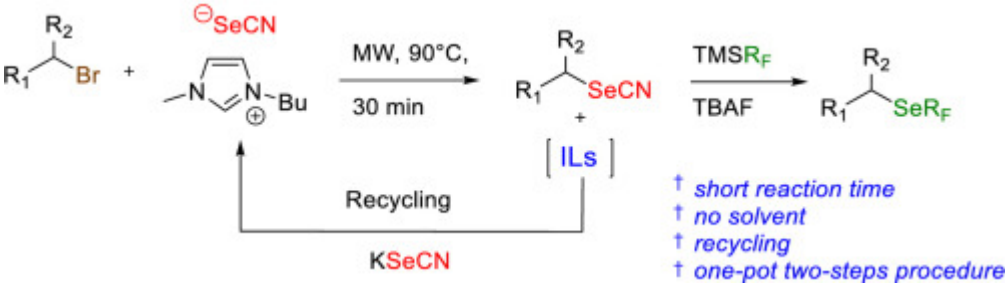

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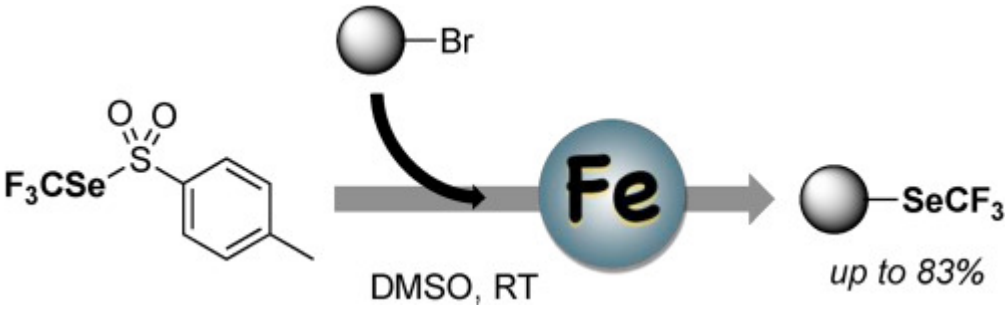

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Synthesis of -trifluoromethyl piperidine derivatives from tetrahydropyridines via nucleophilic trifluoromethylation of pyridinium cations

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

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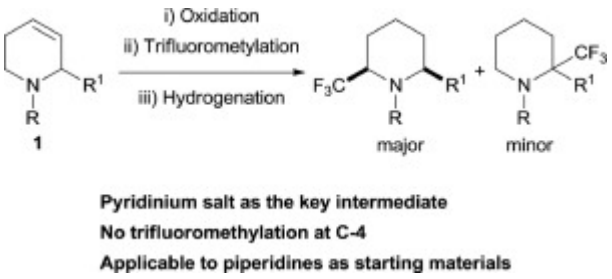

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Synthesis of Nitrogen- and Oxygen-Containing Heterocycles by Prins Cyclization in Continuous Flow

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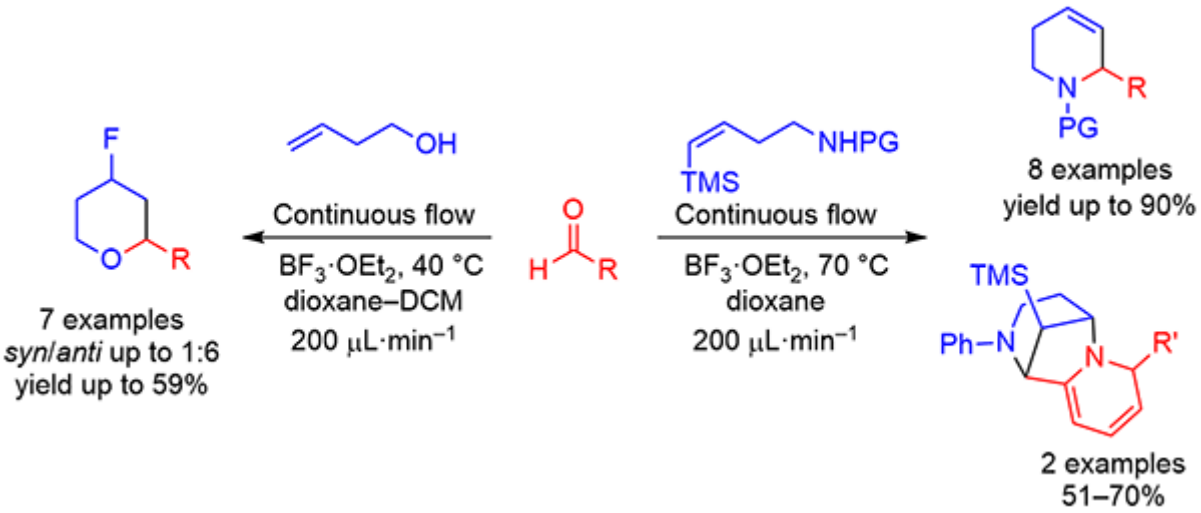

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Intermolecular C–O Bond Formation with Alkoxyl Radicals: Photoredox-Catalyzed -Alkoxylation of Carbonyl Compounds

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

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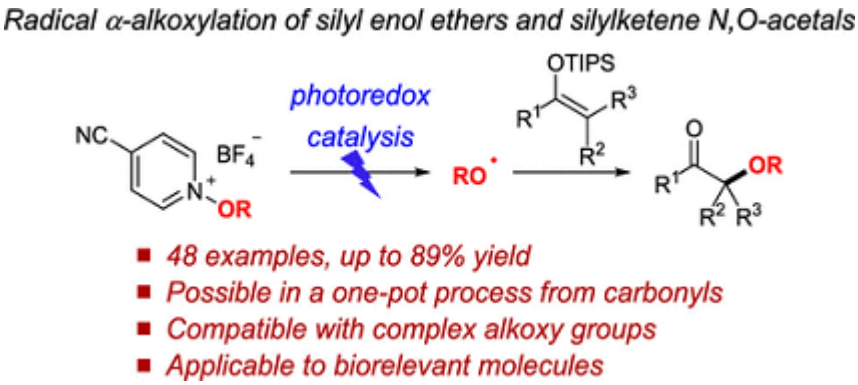

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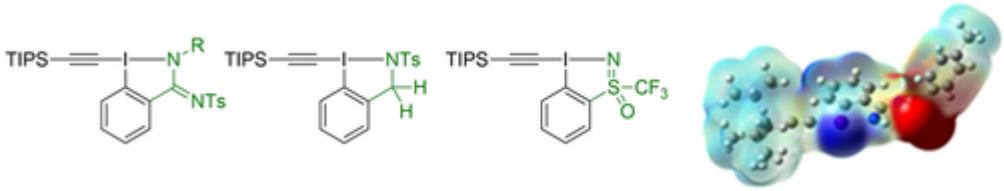

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(Trifluoromethylselenyl)methylchalcogenyl as emerging fluorinated groups: synthesis under photoredox catalysis and determination of the lipophilicity

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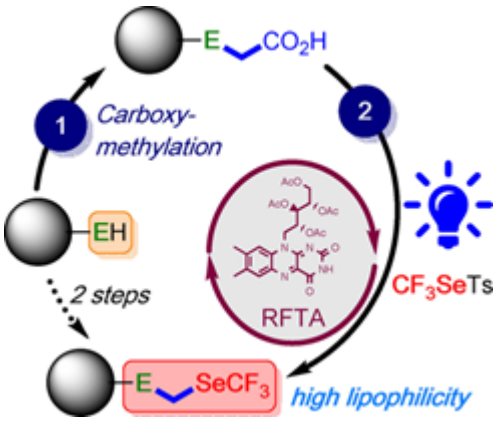

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Means of Organic Photoredox Catalysis

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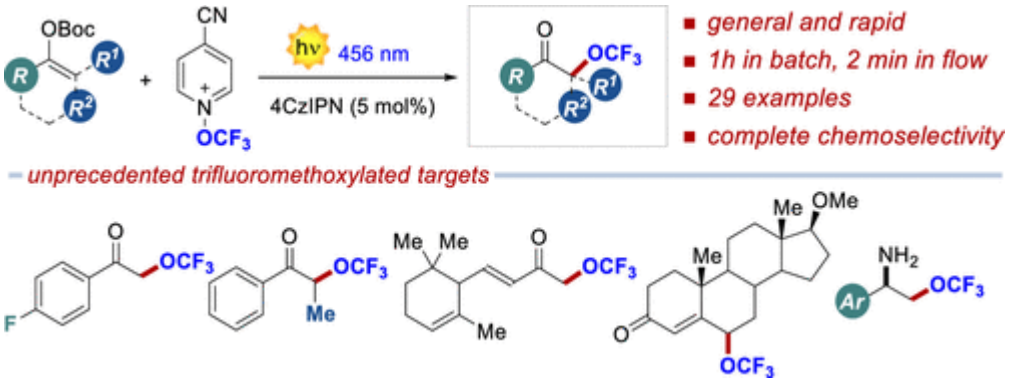

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Direct Trifluoromethylation of Alcohols Using a Hypervalent Iodosulfoximine Reagent

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

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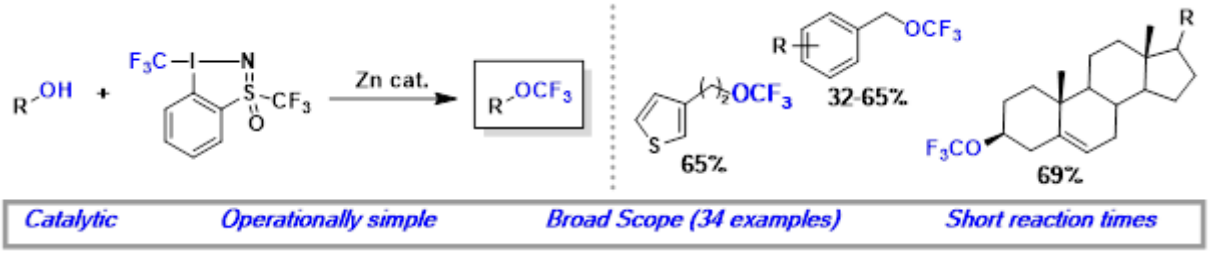
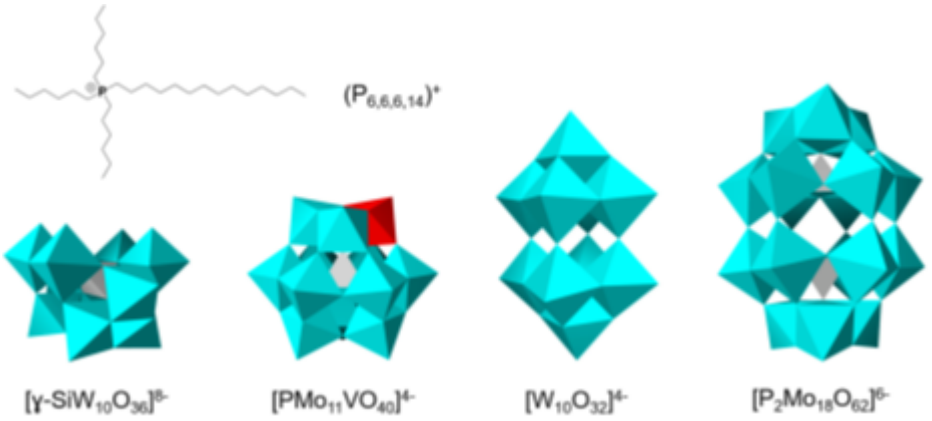


[84]. Y. Martinetto, S. Basset, B. Pégot, C. Roch-Marchal, F. Camerel, J. Jeftic, B. Cottyn-Boitte, E. Magnier, S. Floquet

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

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

DOI: 10.3390/molecules26020496



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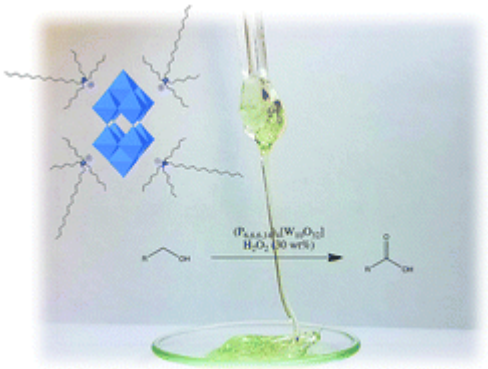

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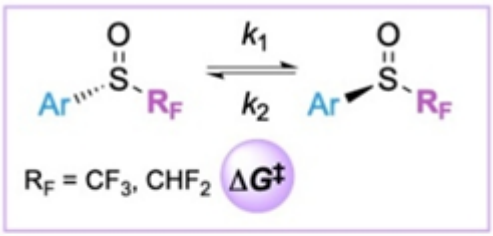

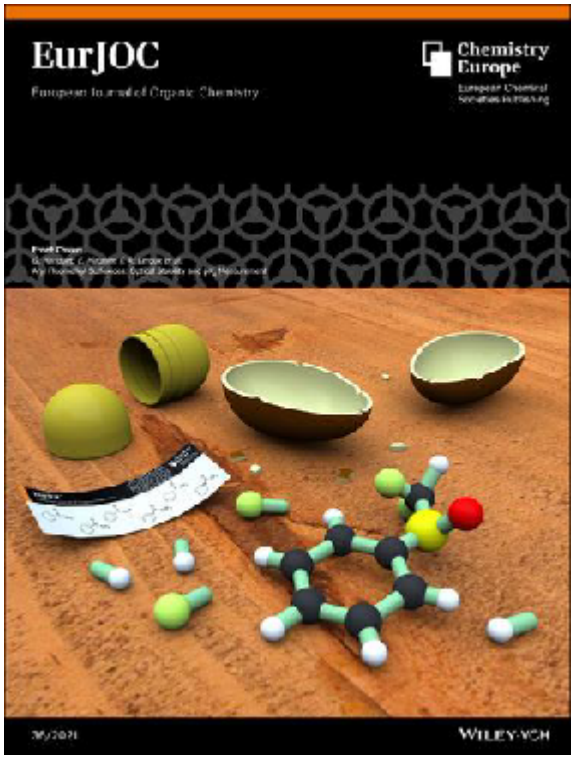

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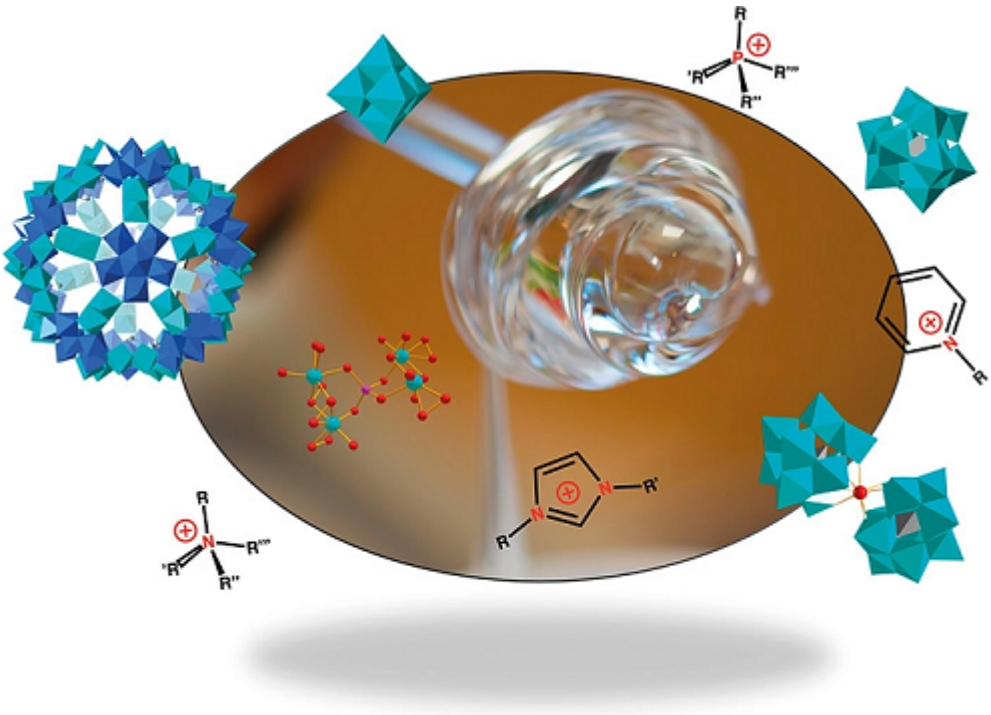

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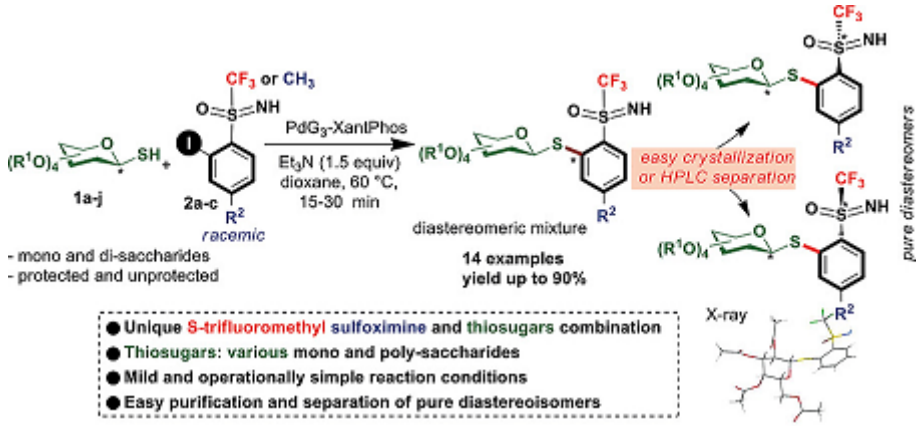

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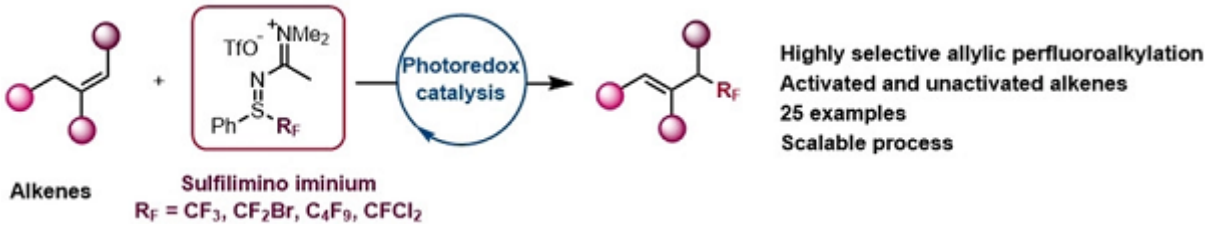

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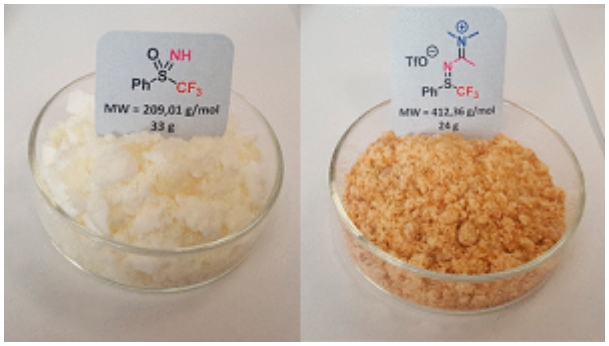

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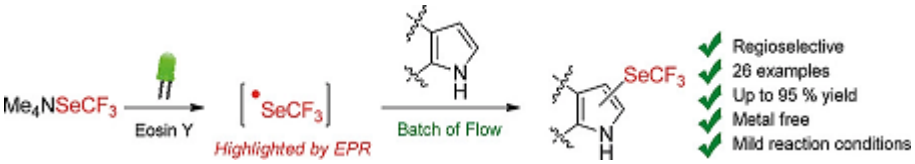

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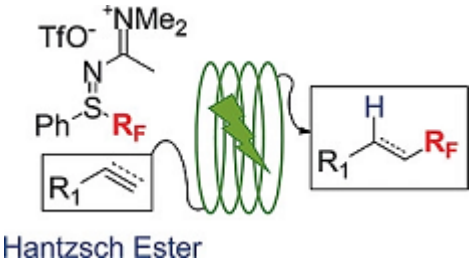

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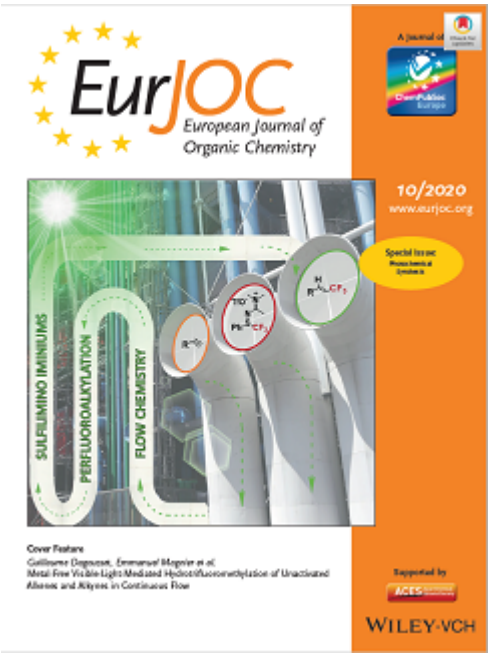

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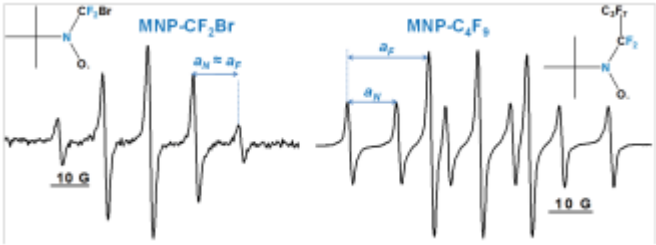

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Four-Component Photoredox-Mediated Azidoalkoxy-trifluoromethylation of Alkenes
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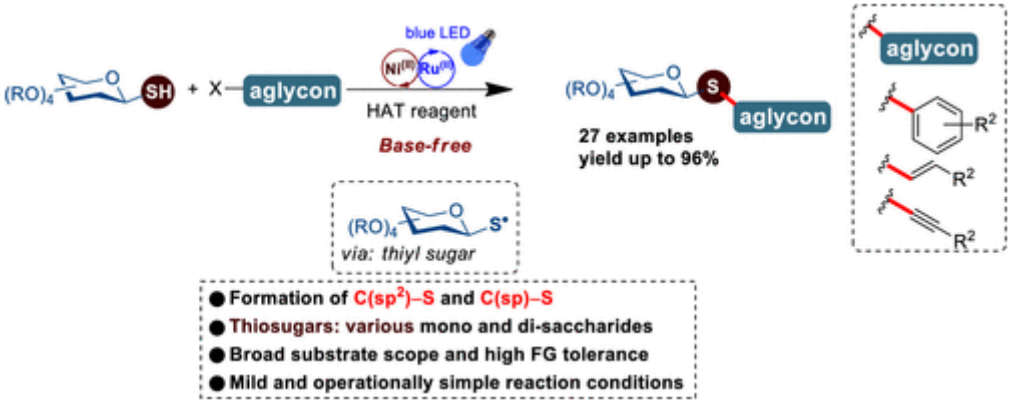

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General, Practical and Selective Oxidation Protocol for CF3S into CF3S(O) Group
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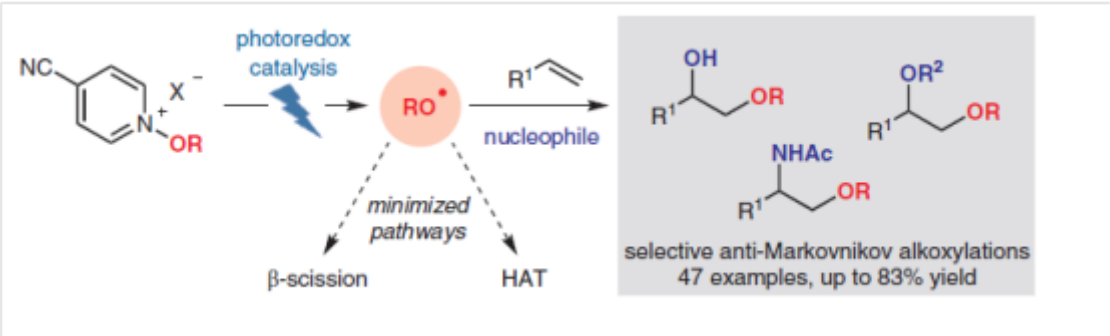

[66]. J. Kalim, T. Duhail, T.-H. Le, N. Vanthuyne, E. Anselmi, A. Togni, E. Magnier
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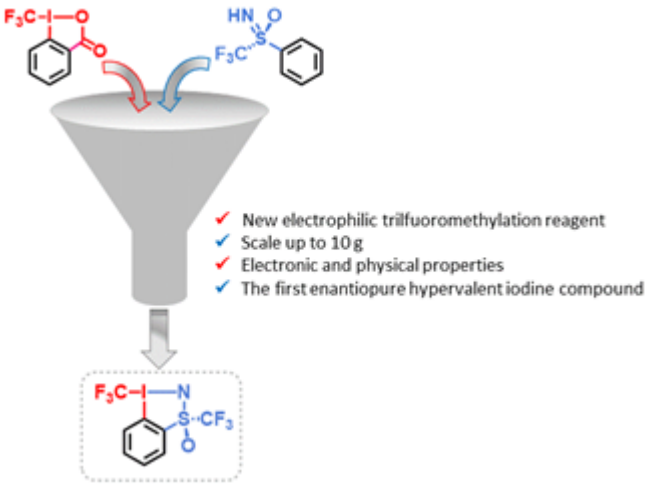

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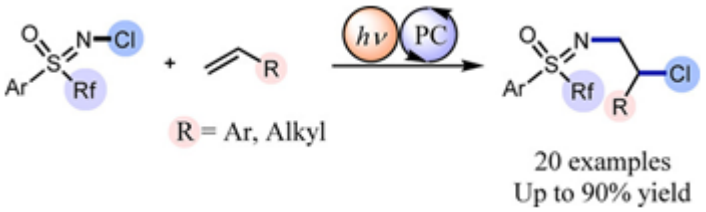

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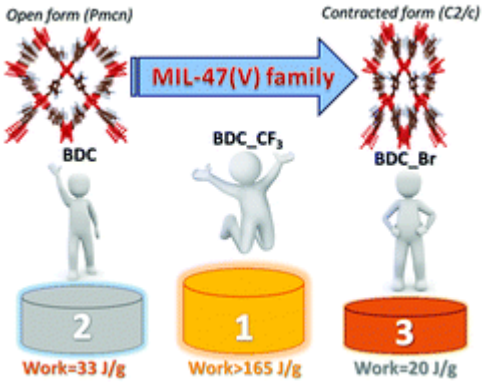

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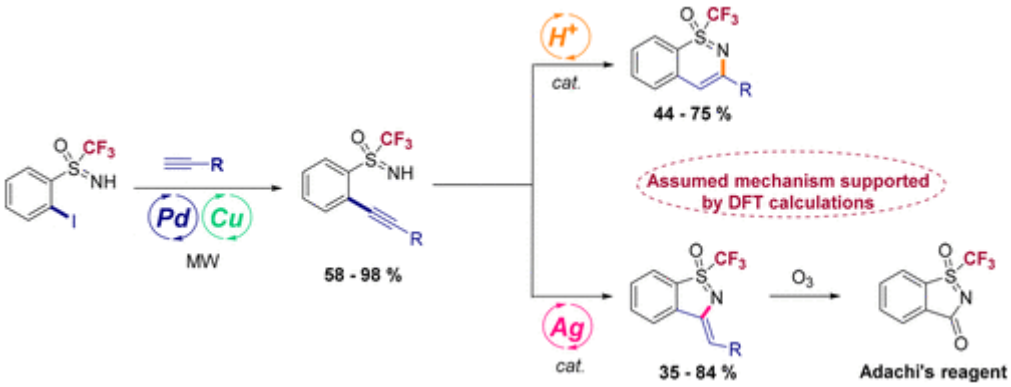

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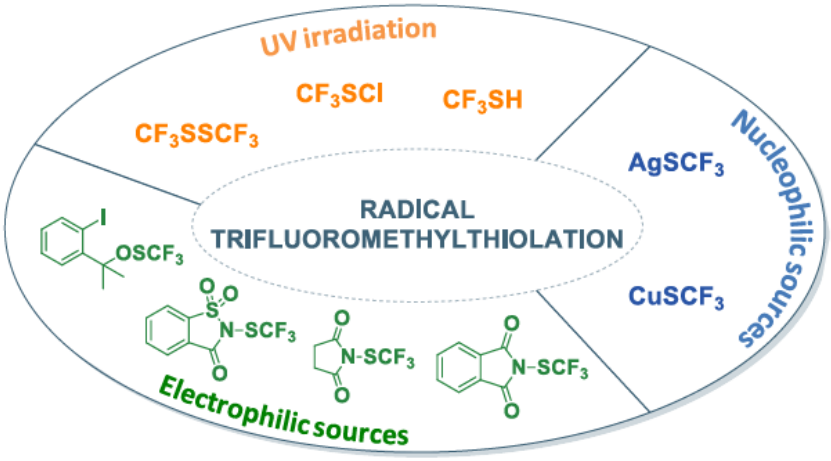

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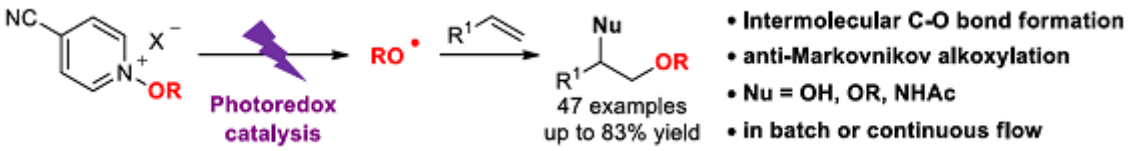

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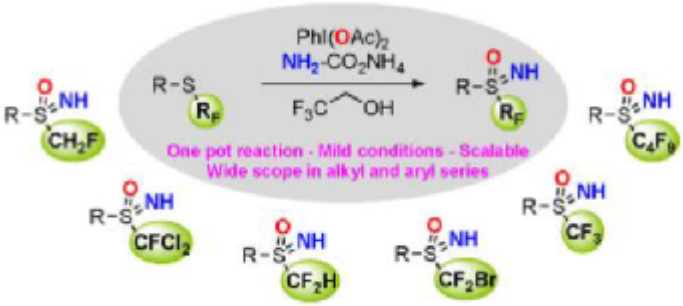

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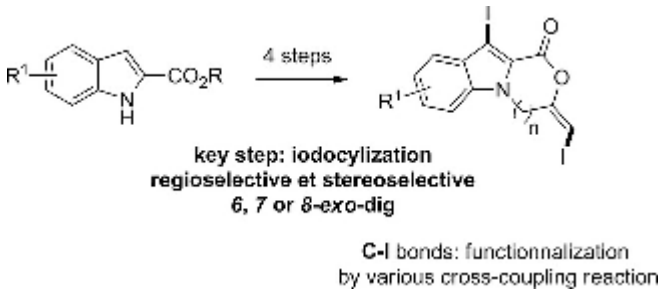

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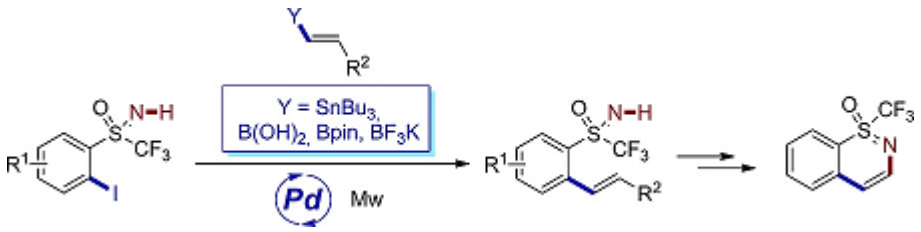

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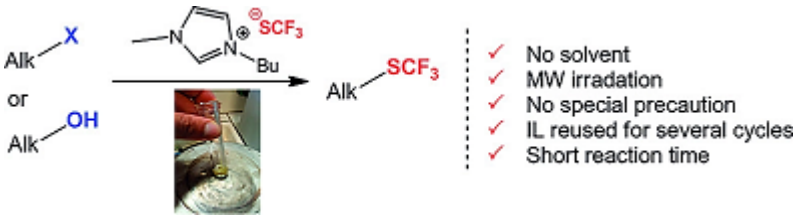

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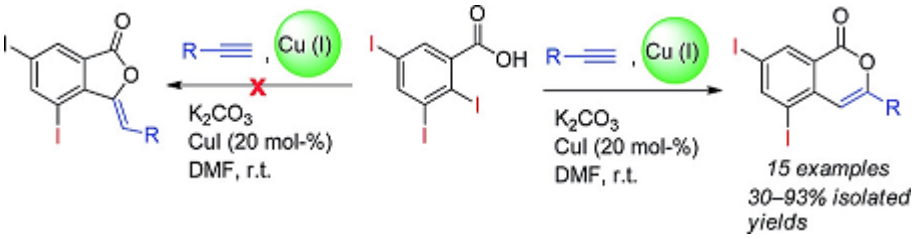

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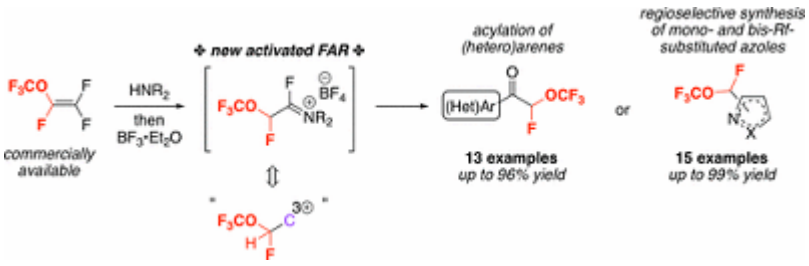

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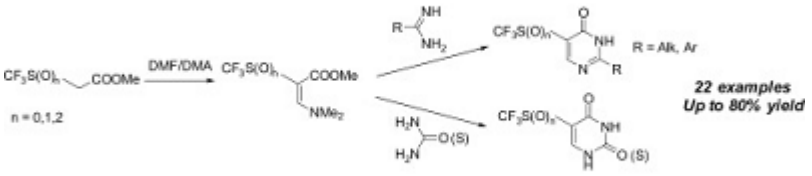

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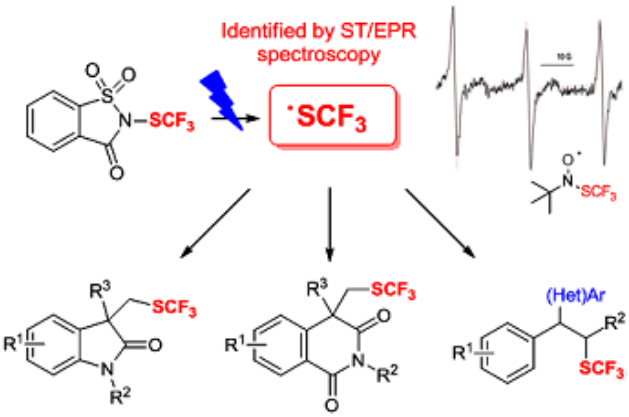

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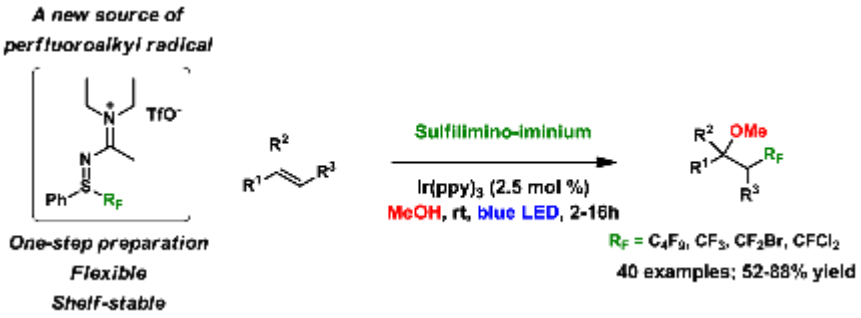

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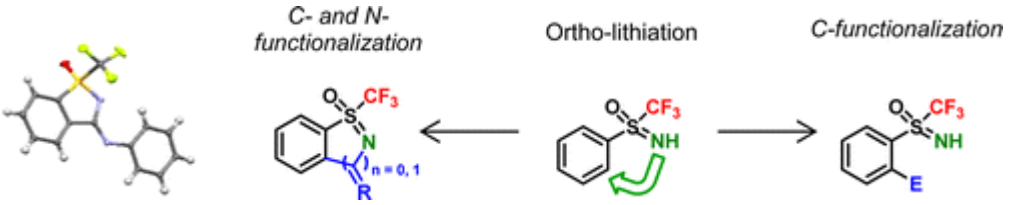

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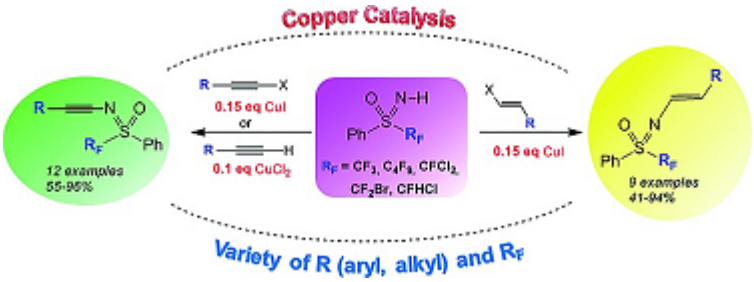

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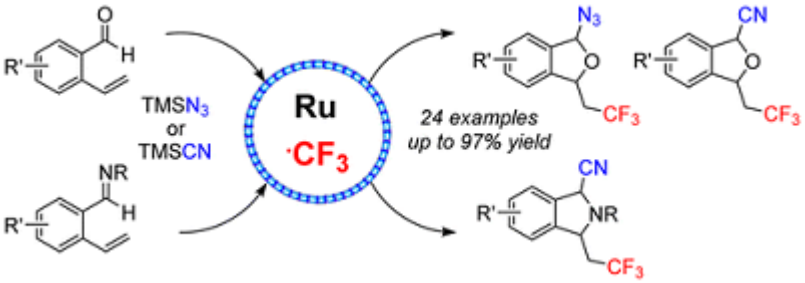

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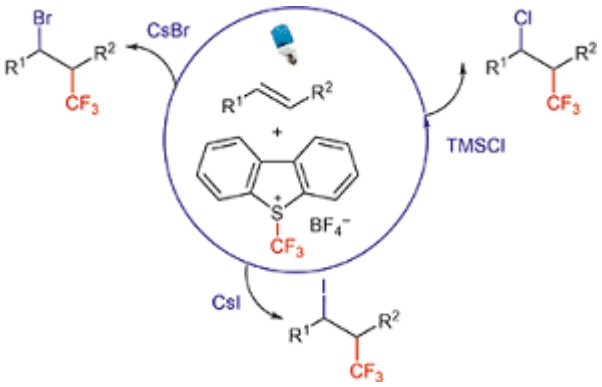

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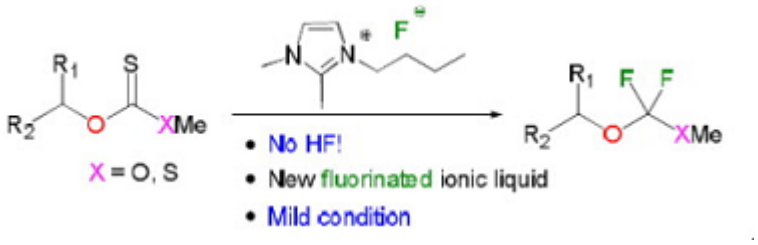

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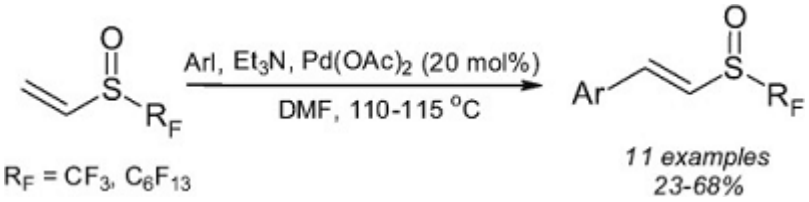

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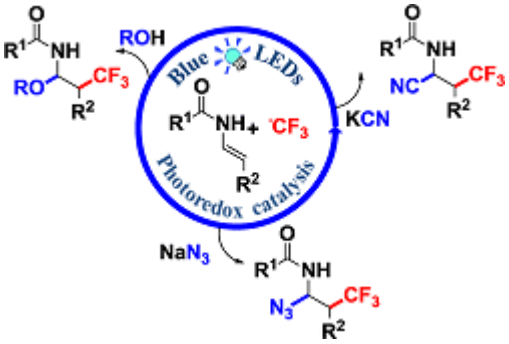

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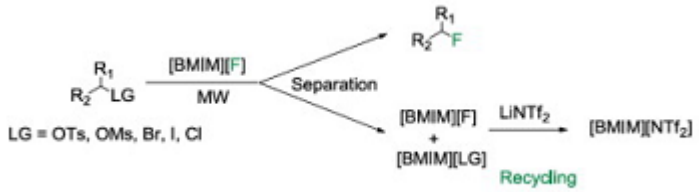

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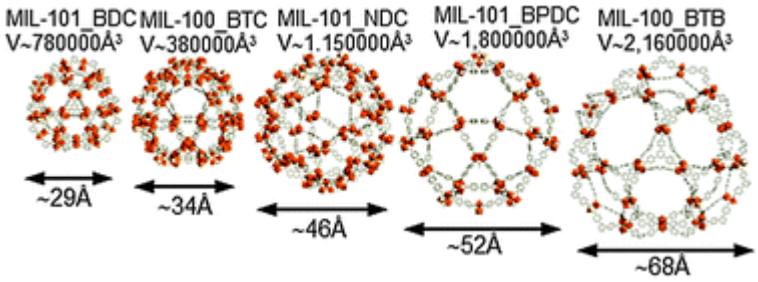

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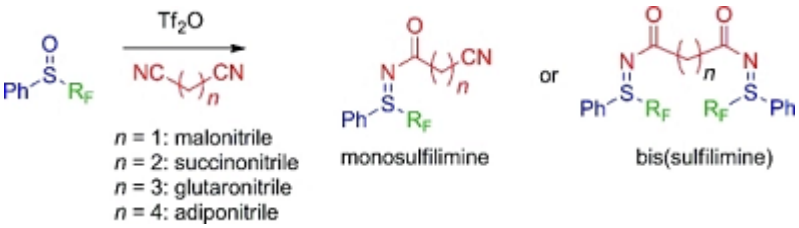

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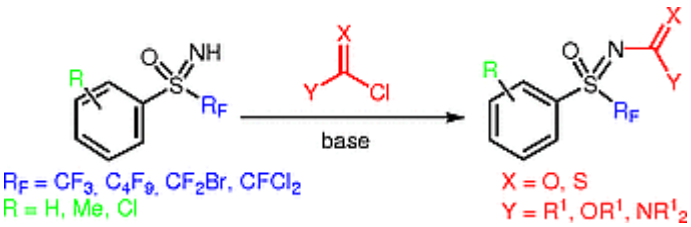

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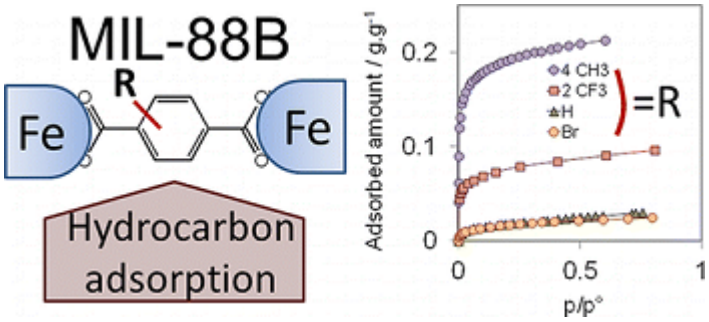

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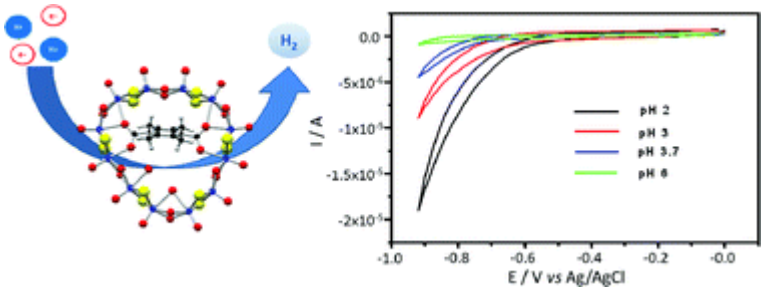

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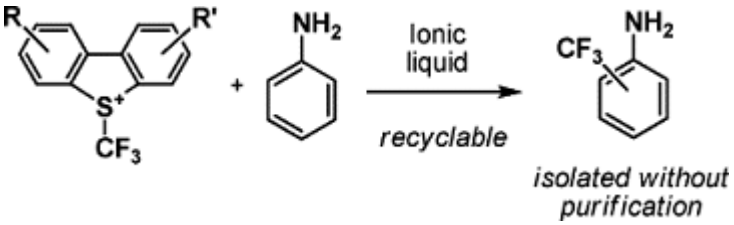

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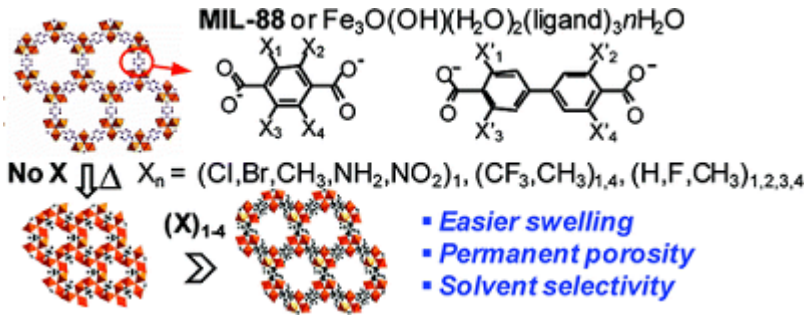

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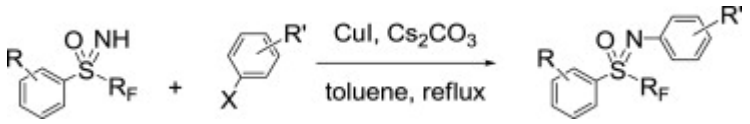

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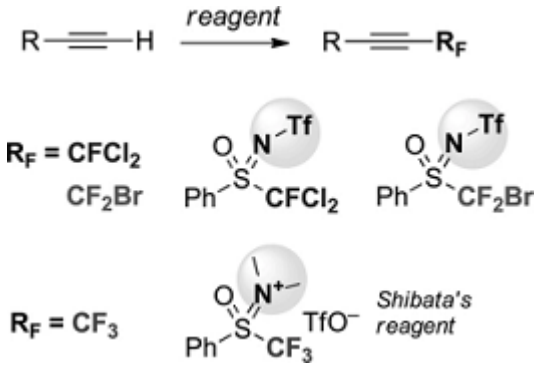

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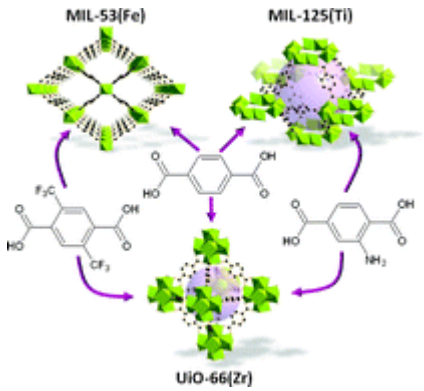

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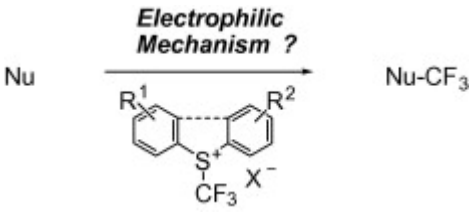

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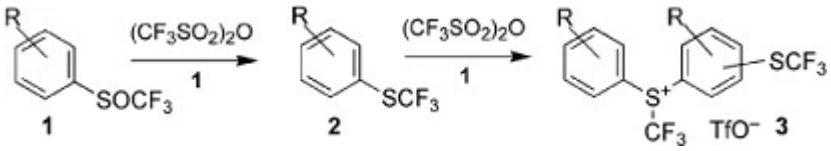

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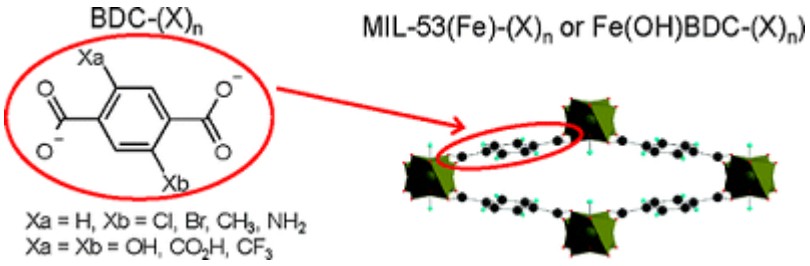

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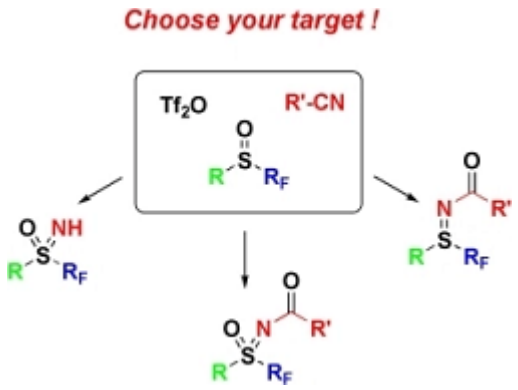

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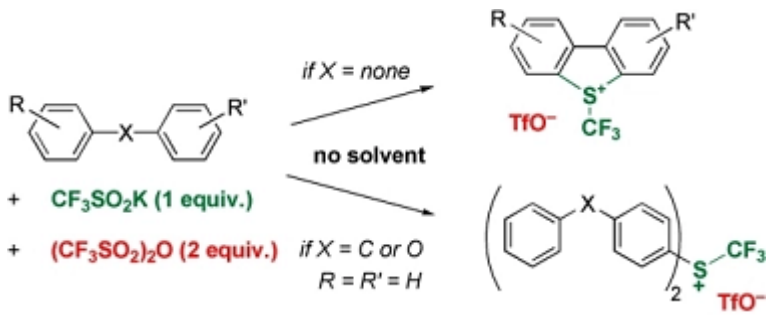

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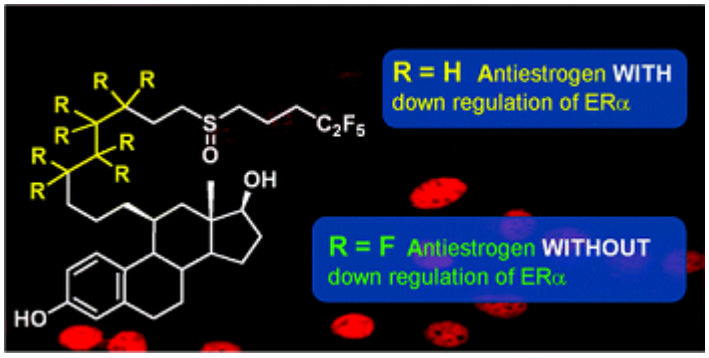

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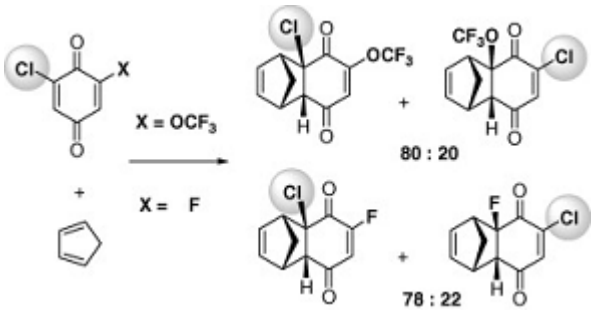

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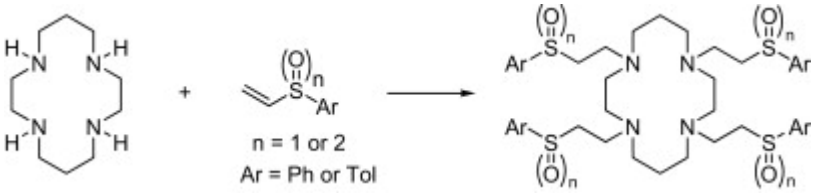

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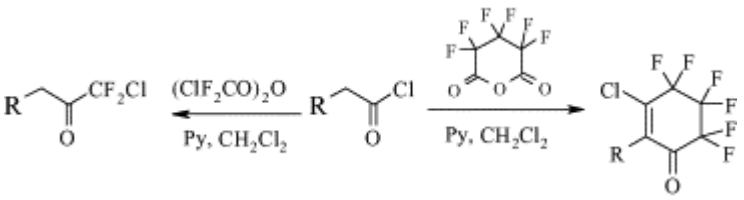

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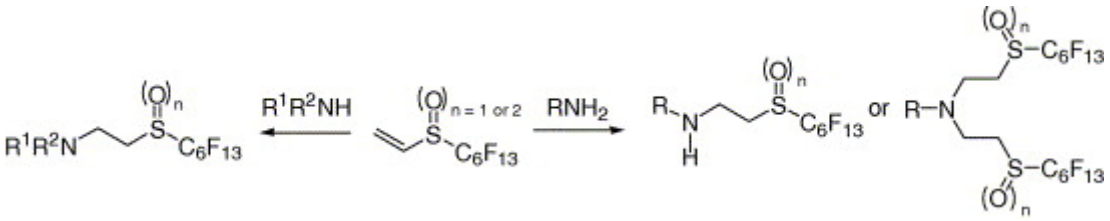

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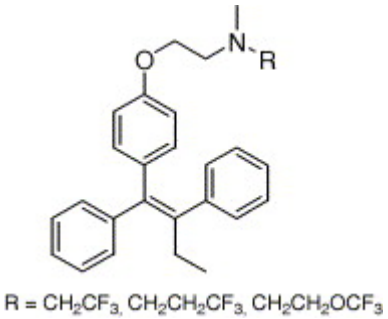

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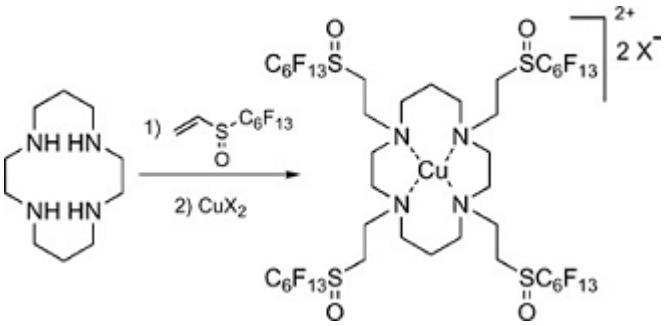

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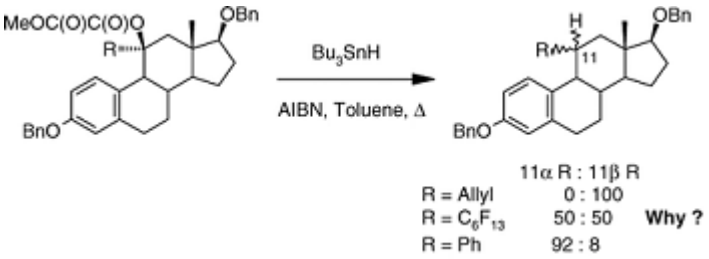

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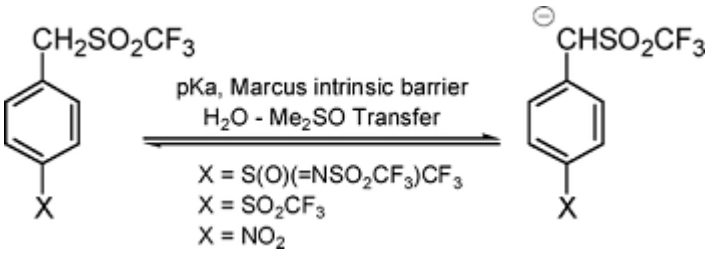

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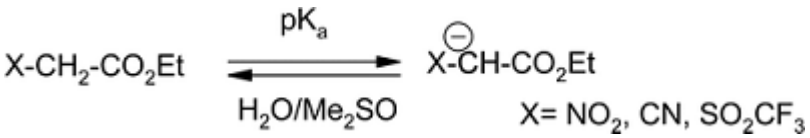
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