Enaminosulfones from 3-Trifloxypropene Iminium Salts: A 1,5(O→C) Trifluoromethylsulfonyl Shift

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Dedicated to Prof. Dr. Bärbel Schulze on the occasion of her 60th birthday

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Enamines, Iminium Salts, Rearrangement

Treatment of semicyclic 3-trifloxypropene iminium triflates 4a–c,e,f, in which the iminium function is part of a six-membered ring, with a polymer-supported tertiary amine leads to 3-[(trifluoromethyl)sulfonyl]-1,4,5,6-tetrahydropyridines 7. Related five- and seven-membered cyclic iminium salts do not react to give the corresponding enaminosulfones.