Organoselenium-Catalyzed, Enantioselective Synthesis of 2-Oxazolidinones from Alkenes

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An operationally simple method for generating enantioenriched 2-oxazolidinones from *N*-Boc amines and mono- or *trans*-disubstituted alkenes via chiral organoselenium catalysis is described. Critical to the success of the transformation was the inclusion of triisopropylsilyl chloride (TIPSCl), likely by sequestering fluoride generated by the oxidant (*N*-fluorocollidinium tetrafluoroborate) throughout the reaction and suppressing side reactivity. The scope of both the amine and alkene substrates was explored, generating a variety of 2-oxazolidinones in modest to high yields with high enantioselectivities.