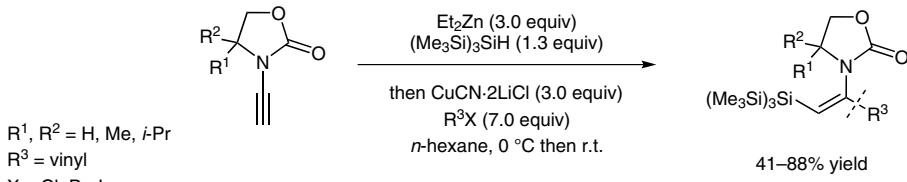
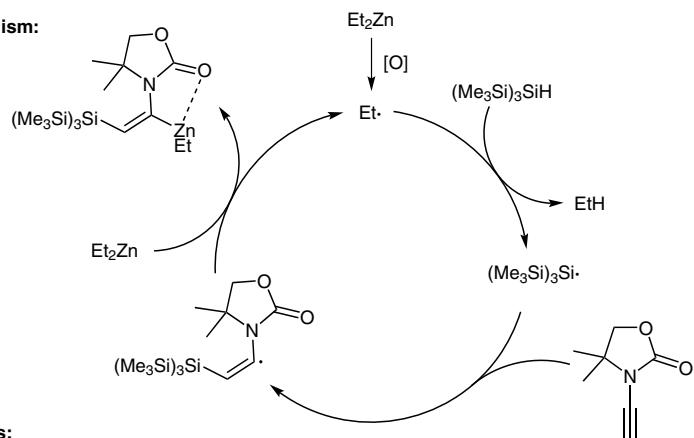


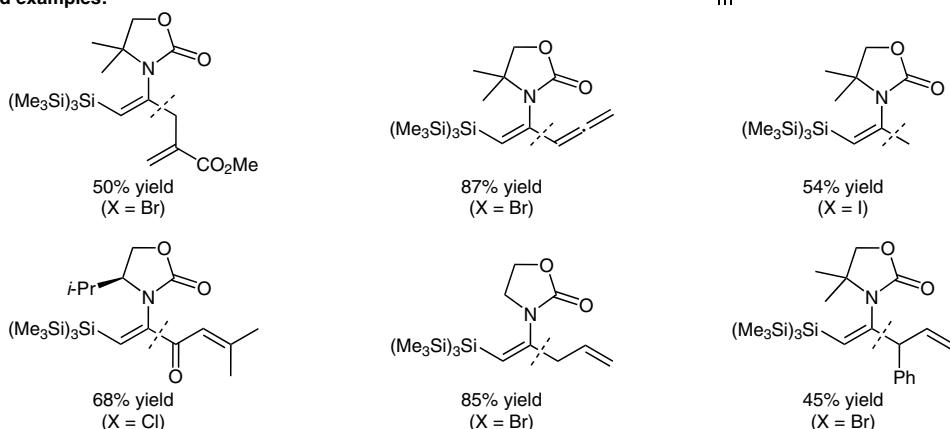
Trans-Selective Silylzincation of Terminal Ynamides



Proposed mechanism:



Selected examples:



Significance: The authors report a regio- and stereoselective silylzincation reaction of terminal ynamides using $(\text{Me}_3\text{Si})_3\text{SiH}$ and diethyl zinc. The resulting vinylzinc intermediates are trapped by a copper(I)-mediated substitution reaction to obtain Z - β -silylenamides in high yields.

Comment: The radical-chain process involves an addition of the $(\text{Me}_3\text{Si})_3\text{Si}$ radical to the ynamide to provide a *Z*-configured α -amino vinylic radical which reacts with the dialkylzinc reagent by homolytic substitution to afford a α -zincated β -silylenamide.