

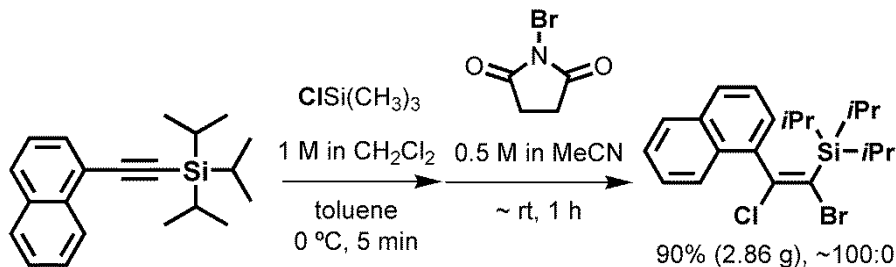
# Regio- and Stereoselective Synthesis of Vicinal (Z)-Dihaloalkenyl Silanes for Differentially All-carbon Tetrasubstituted Olefins

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Vinyl halides and vinyl silanes are clearly important building blocks in organic synthesis. Despite the utility of vicinal dihaloalkenyl silanes, their synthetic availability still remains a challenge due to the inherent difficulty in stereoselective bis-halogenation of the corresponding silyl ethynylarenes. Herein we report the simple protocol enables a efficient regio- and stereoselective bromochlorination of the triple bond in gram-scale with *syn*-mode. Thus, it provides a potentially diverse scaffold for preparation of differentially all-carbon tetrasubstituted olefins.



Scheme 1. Regio- and stereoselective bromochlorination of triisopropylsilyl ethynylarenes

## References

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