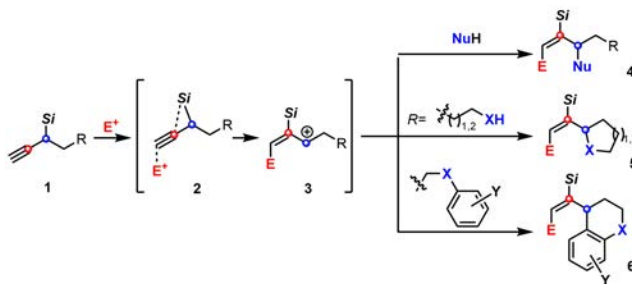


One, Two, Three, Go: Novel Applications of 1,2-Silyl Shift for 1,3-Difunctionalization of Propargyl Silanes

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Propargyl silanes can act as precursors of 1,3-dipols, if their electrophilic activation is followed by 1,2-silyl shift.¹ Herein, we report propargyl silane **1** activation by electrophiles (H^+ , X^+ , RSe^+ , $R-Cu(III)$) that results in allyl cation **3** formation. The latter is trapped with various *N*-, *O*-, *S*-, *C*-nucleophiles in either intramolecular or intermolecular fashion.² This provides highly 1,2,3-functionalized systems **4**, **5**, **6** with possibilities for further derivatization.



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References

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