**Key words**

**cobalt catalysis**

**hydrosilylation**

**alkynes**

**vinylsilanes**

**anti-Markovnikov**

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Cobalt-Catalyzed (*E*)-Selective *anti*-Markovnikov Hydrosilylation of Terminal Alkynes
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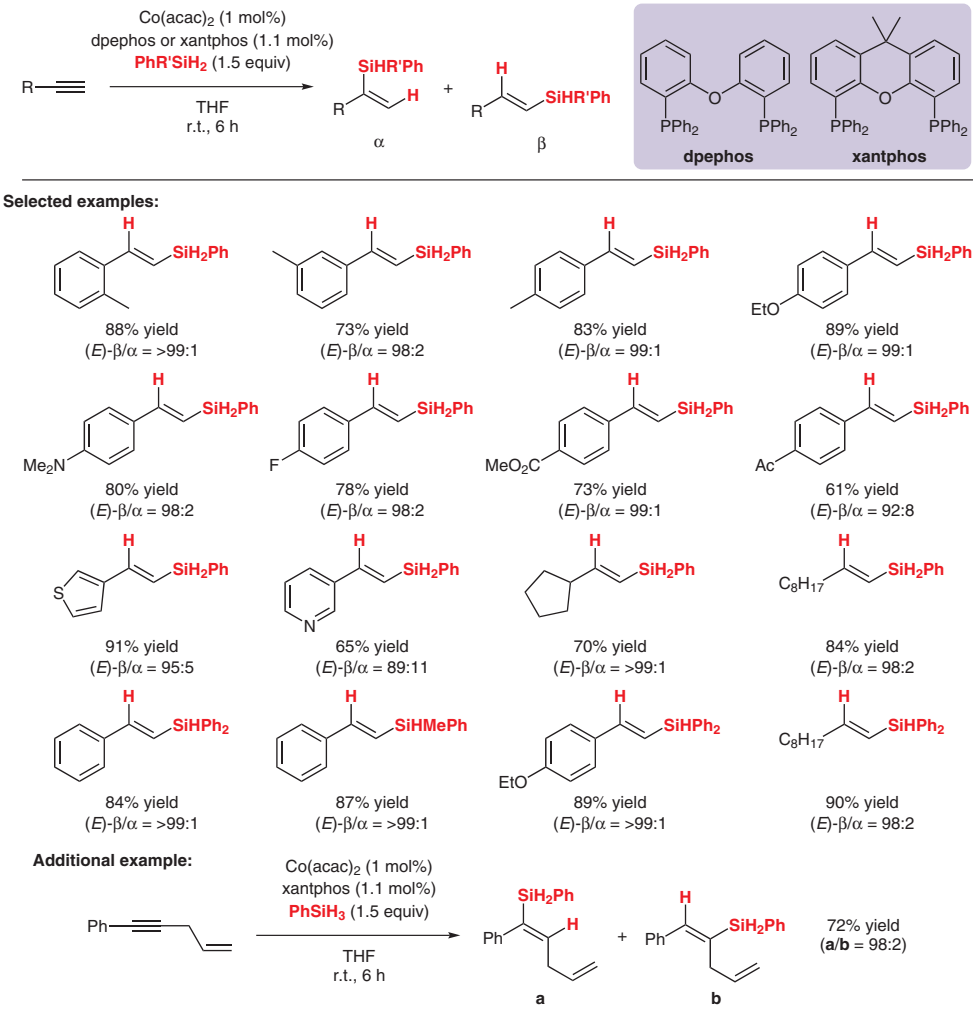
# (*E*)-Selective Hydrosilylation of Terminal Alkynes by Cobalt Catalysis




**Significance:** Metal-catalyzed hydrosilylation of alkynes is among the most atom-economic and straightforward methods for preparing vinylsilanes. The authors disclose an (*E*)-selective *anti*-Markovnikov hydrosilylation of terminal alkynes catalyzed by a cobalt–diphosphine complex.

**Comment:** The catalytic hydrosilylation reaction of terminal alkynes with hydrosilanes proceeds in high yields as well as with (*E*)-selectivity by using a cobalt–diphosphine complex. The method can be applied to the hydrosilylation of 1,4-enynes containing an internal alkyne to give the corresponding alkenes with excellent (*E*)-selectivity.

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