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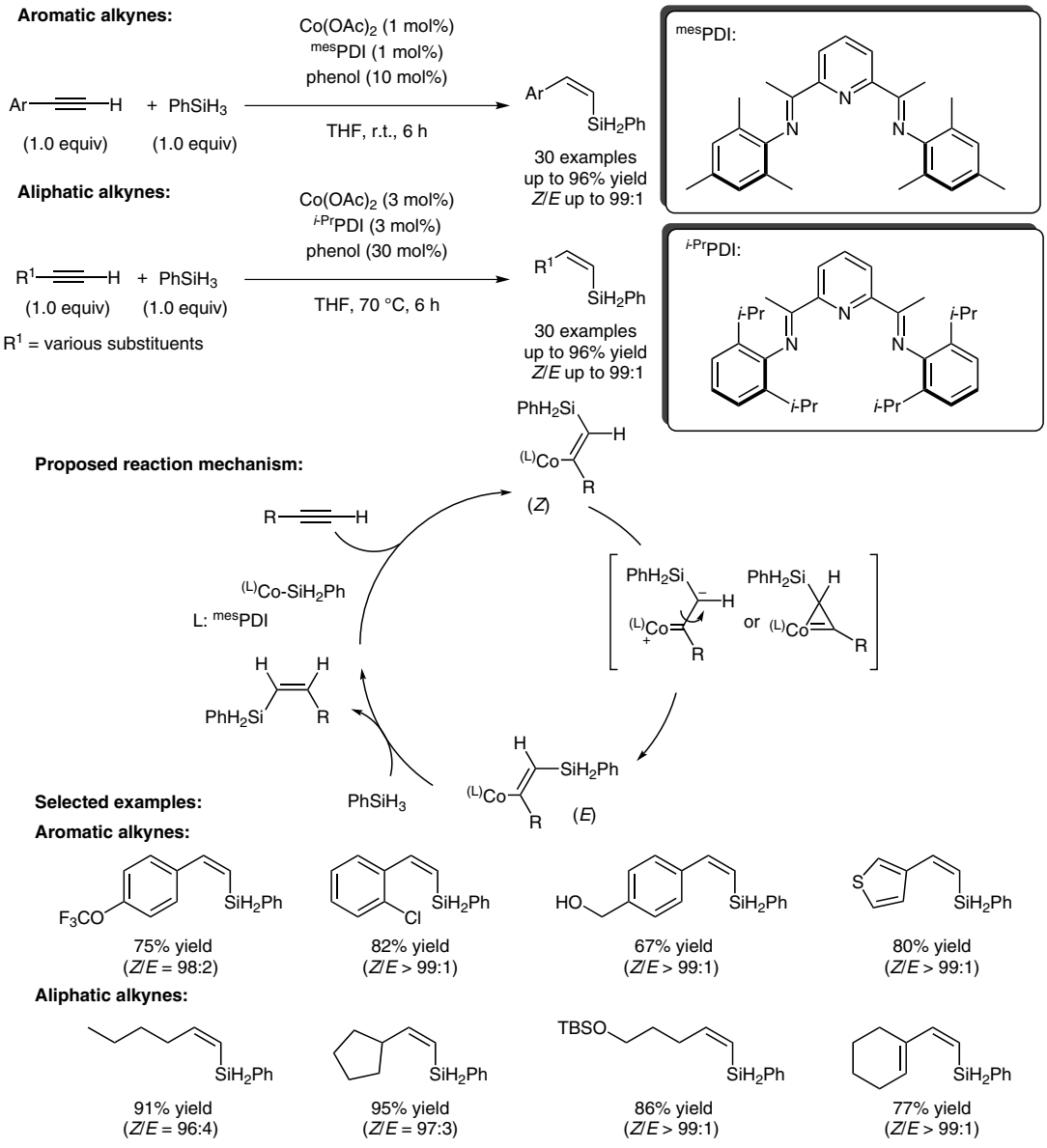
Cobalt-Catalyzed *Z*-Selective Hydrosilylation of Terminal Alkynes
Angew. Chem. Int. Ed. **2017**, *56*, 4328–4332.

Category
Metal-Mediated Synthesis

Key words
cobalt catalysis
hydrosilylation
alkynes

Hydrosilylation of Terminal Alkynes



Significance: Ge and co-workers report a *Z*-selective hydrosilylation of terminal alkynes with catalysts generated from bench-stable $Co(OAc)_2$ and pyridine-2,6-diimine ligands.

Comment: The authors propose a silylmetalation pathway with a cobalt(I) silyl intermediate for the hydrosilylation and hydrogenation of alkynes and alkenes.

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