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(Triphenylphosphine)copper hydride hexamer

Dr. Jeffrey M. Stryker at Indiana University kindly suggested that we offer (triphenylphosphine)copper hydride hexamer, $[(Ph_3P)CuH]_6$, a stable, conveniently handled copper(I) hydride cluster. Extensive research in Dr. Stryker's laboratory has demonstrated that this mild hydride donor is useful in a variety of synthetic applications including stoichiometric and catalytic hydrogenations, chemoselective conjugate reductions, as well as regiospecific and stereoselective conjugate hydride reductions.[1-4] The versatility of the compound makes it a very useful reagent for synthetic organic chemistry.

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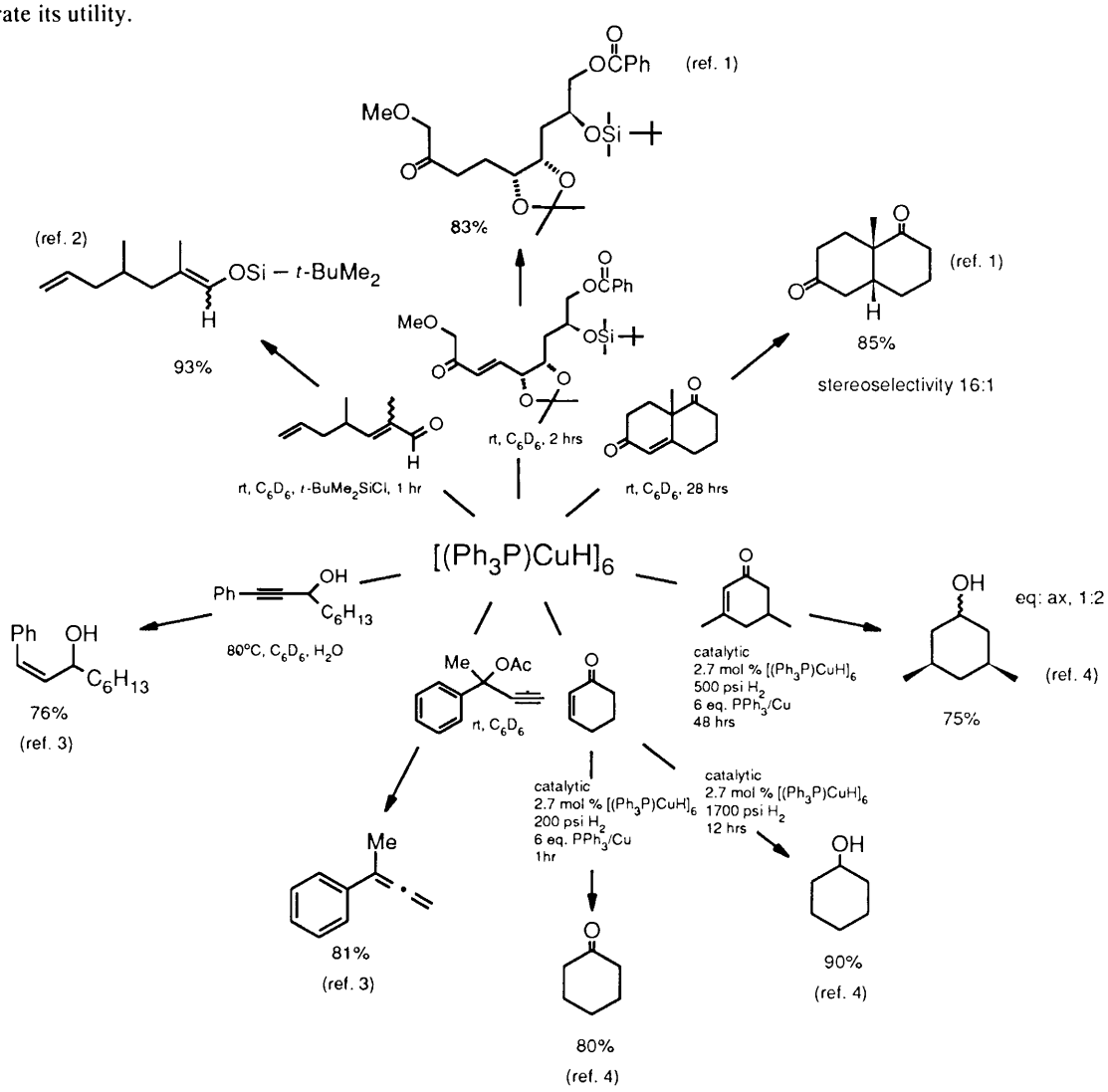

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3) Daeuble, J.F.; McGettigan, C.; Stryker, J.M. *ibid.*, in press.

4) Koenig, T.M.; Daeuble, J.F.; Brestensky, D.M.; Stryker, J.M. *ibid.*, in press.

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