# NHC-Cu-Catalyzed Silyl Conjugate Additions to Acyclic and Cyclic Dienones and Dienonates. Efficient Site-, Diastereo- and Enantioselective Synthesis of Carbonyl-Containing Allylsilanes 

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14a









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$9 z \cdot g$

31.
81:

3'T









7


Saple: $\mathrm{HW}-\mathrm{t}-112-2$
F11e: /home/ahh/vnnrsys/datn/HacVu/Hiv-t-112-2H. fid

10





starting material of 13




Sample: $\mathrm{KL}-\mathrm{Tk}-263-1 \mathrm{H}$
FDle: exp
Pulse sequence: s2pul




