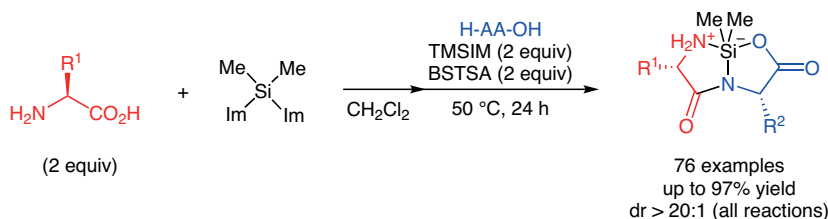
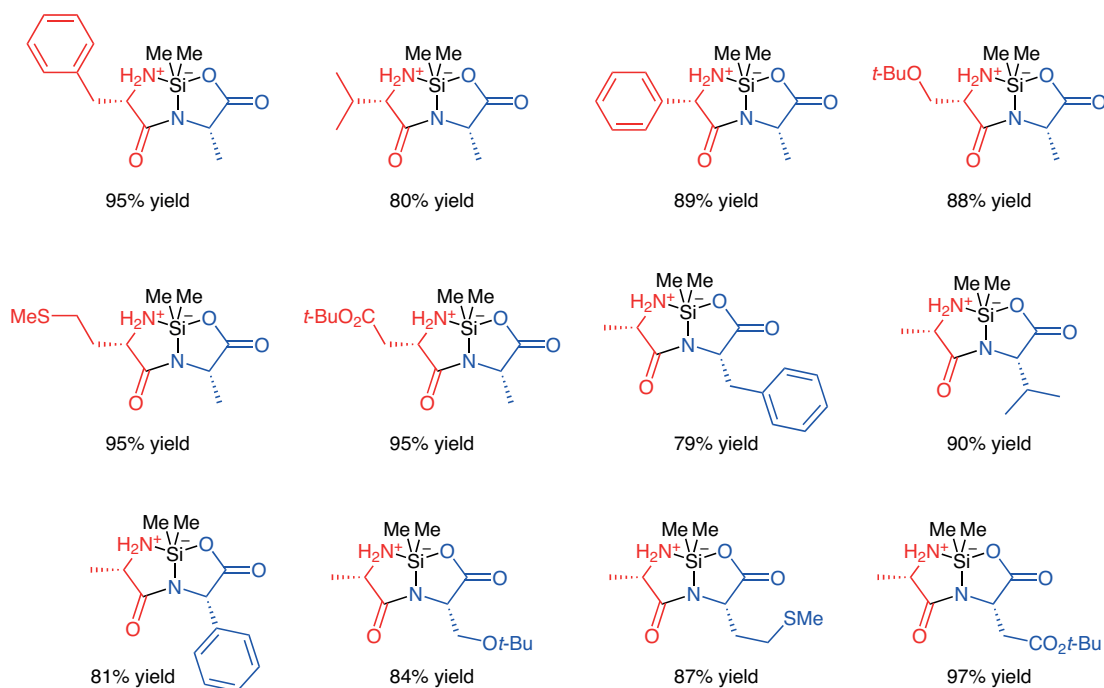


# Peptide Synthesis Using Unprotected Amino Acids



## Selected examples:



**Significance:** Protecting groups for the N-terminal amino and C-terminal carboxyl groups are essential in peptide synthesis. In this work, the authors have developed peptide bond formation between unprotected amino acids using two kinds of appropriate silylating reagents.

**Comment:** Me<sub>2</sub>Si(Im)<sub>2</sub> and TMSIM were used to achieve peptide bond formation chemoselectively between two different unprotected amino acids to give a broad range of silacyclic dipeptides. Also, silacyclic dipeptides were successfully applied to convergent long peptide synthesis.