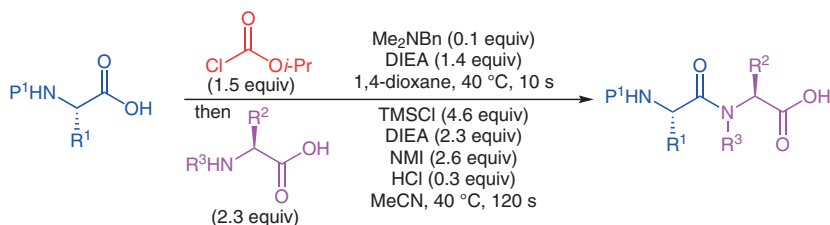
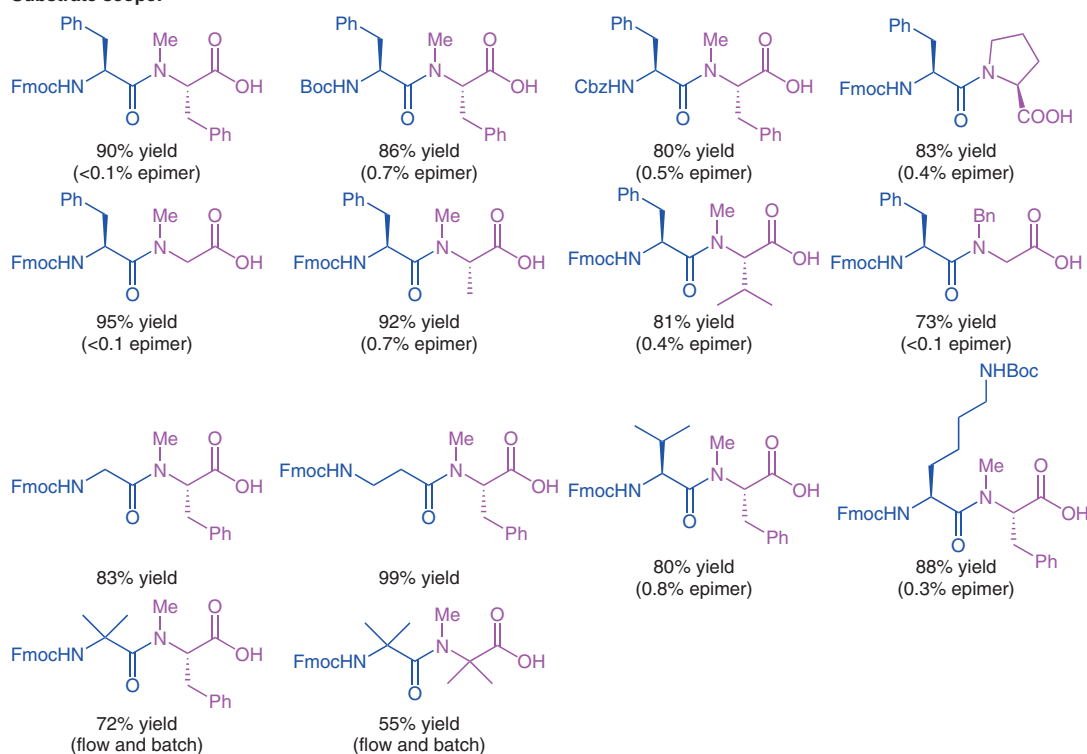


N-Methylated Peptide Synthesis Using Flow Chemistry

Synthesis of N-alkylated dipeptide using micro-flow technique:



Substrate scope:



Significance: N-Methylated peptides are important in organic synthesis. The authors disclosed a method for synthesizing C-terminus-free N-methylated peptides in a micro-flow reactor. Unexpected C-terminal epimerization of the peptides was also observed.

Comment: The authors investigated the effect of Brønsted acids towards the activation of mixed carbonic anhydride using flow chemistry for the synthesis of C-terminus-free N-methylated peptides which is limited up to dipeptides.