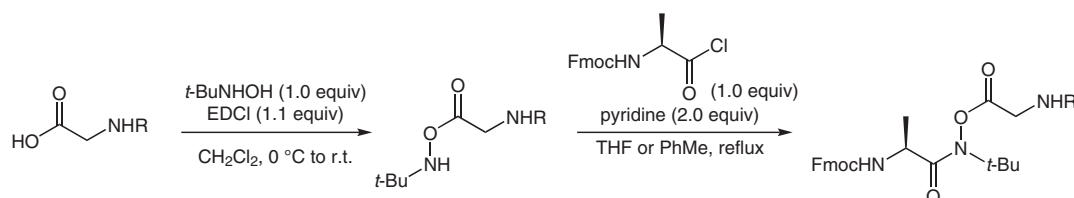
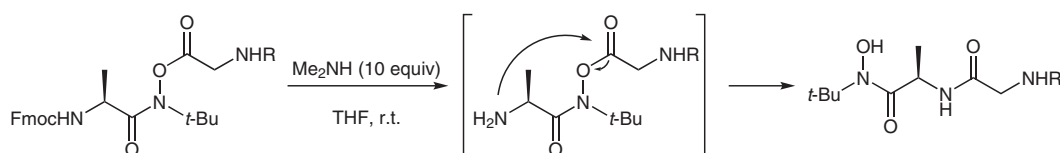
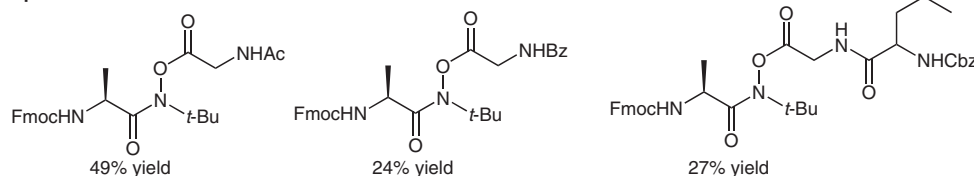


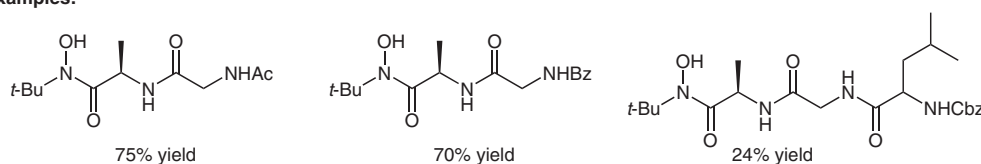
Chemical Ligation to Synthesize *N*-Hydroxy Peptides from *O*-Acyl Hydroxamic Acids



Examples:



Examples:



Significance: Chemical ligation is an important bottleneck reaction in peptide chemistry. The authors have developed a synthesis of *O*-acyl hydroxamic acids, which can be converted into the corresponding *N*-hydroxy peptides.

Comment: *O*-Acyl hydroxamic acids were prepared from amino acids and *N*-(*tert*-butyl)hydroxylamine. Furthermore, deprotection of an Fmoc group from the *O*-acyl hydroxamic acids with subsequent formation of a new peptide bond proceeds smoothly.