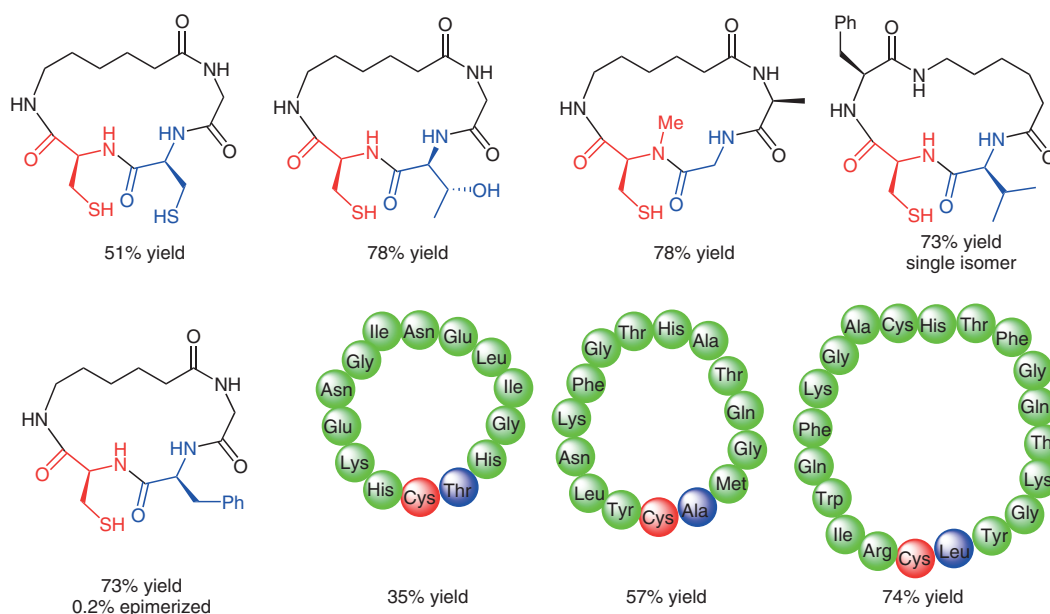
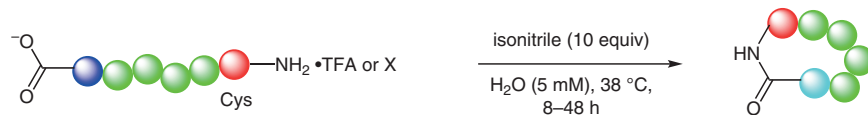


Peptide Cyclization of Unprotected Peptides with Cysteine at C-Terminal



Significance: Cyclic peptides, recognized for improving metabolic stability, binding ability, and selectivity for biological targets, have garnered attention in fields like medicinal chemistry and chemical biology. The authors have demonstrated native peptide cyclization from unprotected peptide without premodification in water.

Comment: The native peptide cyclization of unprotected peptides with cysteine at C-terminal is carried out in water using isonitrile, resulting in the formation of cyclized peptides of various sizes and sequences in moderate to good yields.