Anhydride-Mediated Peptide Synthesis with C-Terminal Unprotected $N$-Methylamino Acids

**Significance:** The synthesis of N-methylated peptides is an important field in organic chemistry and medicinal chemistry. The authors used isostearic acid bromide to generate mixed anhydrides to react with C-terminal-unprotected $N$-methylamino acids to prepare N-methylated peptides with the assistance of a silylation reagent.

**Comment:** Various N-methylated peptides were prepared through the mixed anhydrides intermediate. The reaction proceeds under mild conditions, and the yields of the desired products are good to excellent.

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