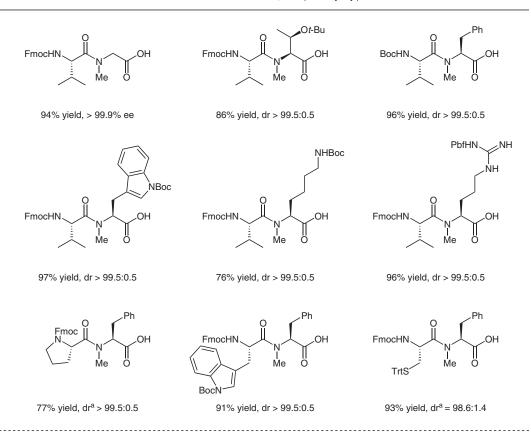
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Isostearyl Mixed Anhydrides for the Preparation of N-Methylated Peptides Using C-Terminally Unprotected N-Methylamino Acids Org. Lett. **2020**, 22, 8039–8043, DOI: 10.1021/acs.orglett.0c02984.

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



<sup>&</sup>lt;sup>a</sup> Coupling reaction was conducted at 60 °C.

**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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