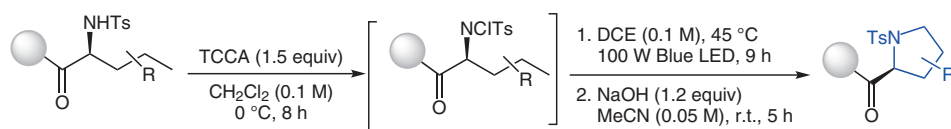


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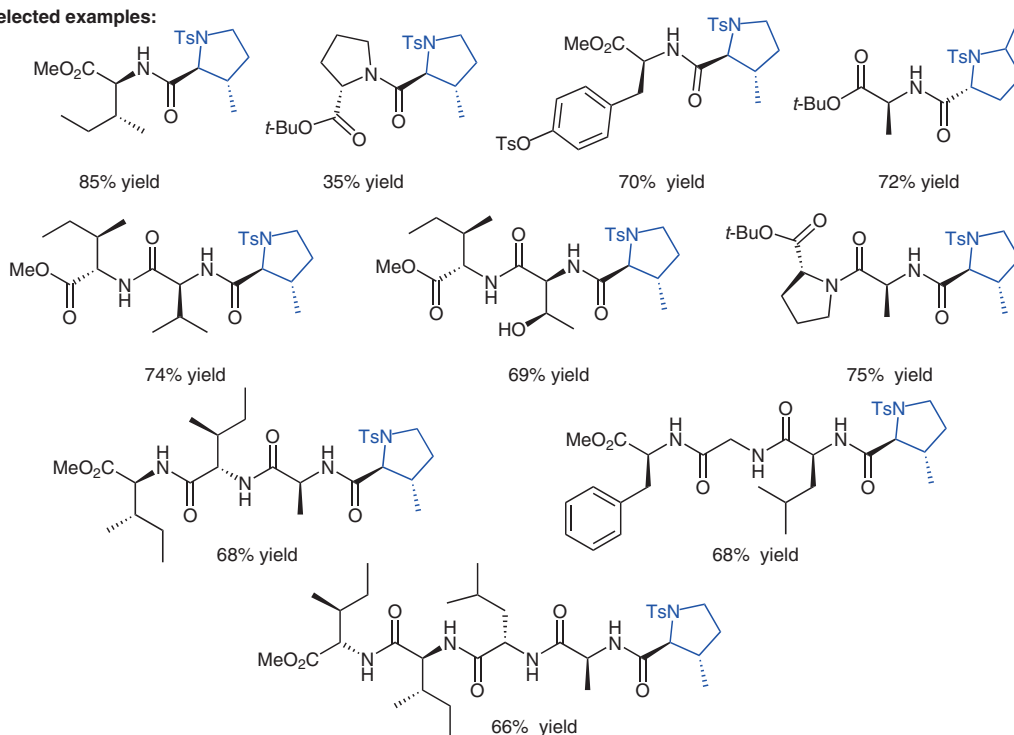
Selective Editing of a Peptide Skeleton via C–N bond Formation at N-terminal Aliphatic Side Chains

Chem. Sci. 2022, 13, 14382–14386, DOI: 10.1039/d2sc04909k.

## Late-Stage Functionalization for the Construction of Proline Skeleton in Peptides



Selected examples:



**Significance:** Late-stage, site-specific modification of peptides is one of the most important tools to access synthetically modified peptides. Recently, modification of peptides by C–H functionalization gained attention in peptide chemistry. In this present study, transition-metal-free and visible-light-promoted C–H functionalization for the construction of proline skeleton in peptides is described.

**Comment:** Visible-light-promoted selective editing of peptide skeleton via C–N bond formation at N-terminal aliphatic side chains proceeded smoothly to offer a series of proline skeletons in peptides. This reaction is highly selective and showcases broad substrate scope.

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