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Peptides in motion

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Chapter 4

Incorporation of overcrowded-alkene switch into peptides

Approaches to control the function of peptides with light would benefit from expanding the number of switch architectures that can be used. This chapter aims to find a synthetic strategy to insert, for the first time, an overcrowded-alkene switch into the backbone of peptides. Strategies for the solid phase peptide synthesis are described, focusing on the choices of resins and protecting groups.