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Inside Cover

Pierre Gans, Olivier Hamelin, Remy Sounier, Isabel Ayala, M. Asunción Durá, Carlos D. Amero, Marjolaine Noirclerc-Savoye, Bruno Franzetti, Michael J. Plevin, and Jérôme Boisbouvier*

NMR spectroscopy of large protein assemblies necessitates targeted protonation of specific sites within a perdeuterated background. In their Communication on page 1958 ff., J. Boisbouvier et al. outline the use of an acetolactate precursor for the specific biosynthetic incorporation of ¹³C¹H₃ into the pro-S methyl groups of leucine and valine. This labeling strategy enhances spectral quality and provides an efficient basis for the application of solution-state NMR techniques to complex biomolecules.

