

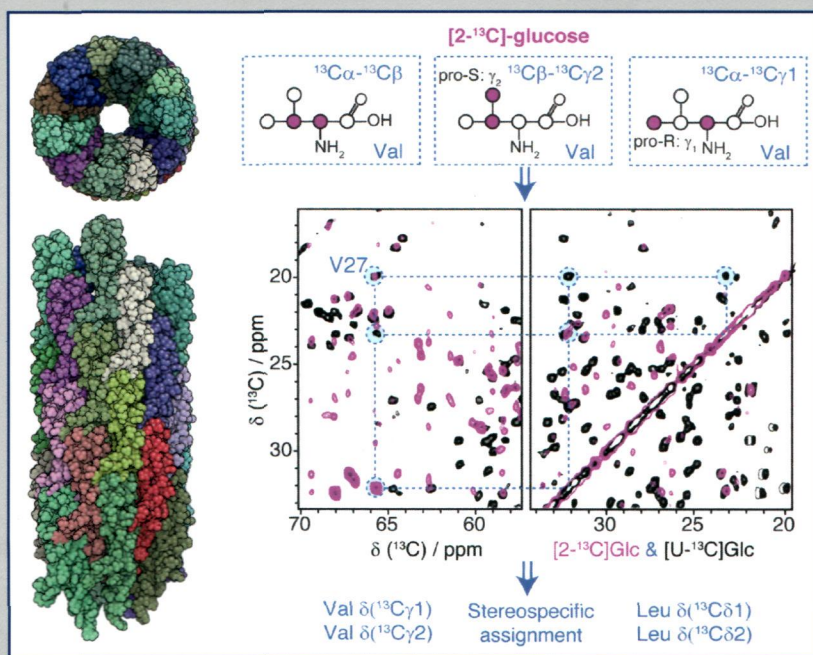
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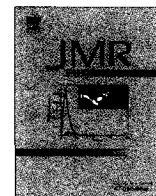
JMR

Journal of Magnetic Resonance



A straightforward method for the stereospecific solid-state NMR resonance assignment of the prochiral methyl groups of Val and Leu. The approach is based on [2-¹³C]-glucose as the sole carbon source during protein expression. The cover figure illustrates the isotope spin pairs ¹³C_α-¹³C_β, ¹³C_β-¹³C_{γ2} and ¹³C_α-¹³C_{γ1} obtained in Val using this labeling scheme, and also shows the application of the method to a supramolecular protein assembly, the type III secretion system needle.

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