Supporting information for:

Measurement of multiple torsional angles from one-dimensional solid-state NMR spectra: application to the conformational analysis of a ligand in its biological receptor site.

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Figure S1. SDS-PAGE gel showing the stages of purification of the S1S2J protein representing the ligand binding domain of GluR2. Lane 15 shows a single band at 31 kDa for the purified protein. This fraction was used for SSNMR analysis.
Figure S2. Raw ITC data and peak integration curves showing binding of L-glutamic acid to the S1S2J protein in solution.
Figure S3. S1S2J protein microcrystals viewed by light microscopy (two separate samples).
Figure S4. Demonstration of how DQ amplitudes are measured from slices through the indirect dimension of two-dimensional DQ-SQ spectra.
Figure S5. Two-dimensional DQ-SQ spectrum of [U-$^{13}$C, $^{15}$N]Glu.