Supporting Information

Straightforward, effective calibration of SPINAL-64 decoupling for biomolecular solid-state NMR

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Figure Caption

Fig. S1. Comparison of 2D spectra of A30P AS fibrils. $^{13}C^{13}C$ 2D with 50 ms DARR mixing with (a) optimal reported values (τ_p =(11/12)π=5.7, φ= 10°, α=5° and β=10°) [9]) and (b) optimized values of SPINAL ^1H decoupling (80 kHz). $^{15}N^{13}C$ (NCA) 2D spectra with (c) optimal reported values [9] and (d) optimized SPINAL ^1H decoupling (80 kHz). Both spectra were acquired under identical conditions at 600 MHz (^1H frequency) and 13.333 kHz MAS rate. Contour levels were draw at 7 σ. Dashed rectangle indicates the expanded region shown in Fig. 3.

FIGURE

Fig. S1.