

NMR Measurements of Scalar-Coupling Distributions in Disordered Solids

Sylvian Cadars, Anne Lesage, Michel Trierweiler, Laurent Heux, and Lyndon Emsley*

CORRESPONDING AUTHOR FOOTNOTE

Prof. Lyndon Emsley

Laboratoire de Chimie

Ecole Normale Supérieure de Lyon

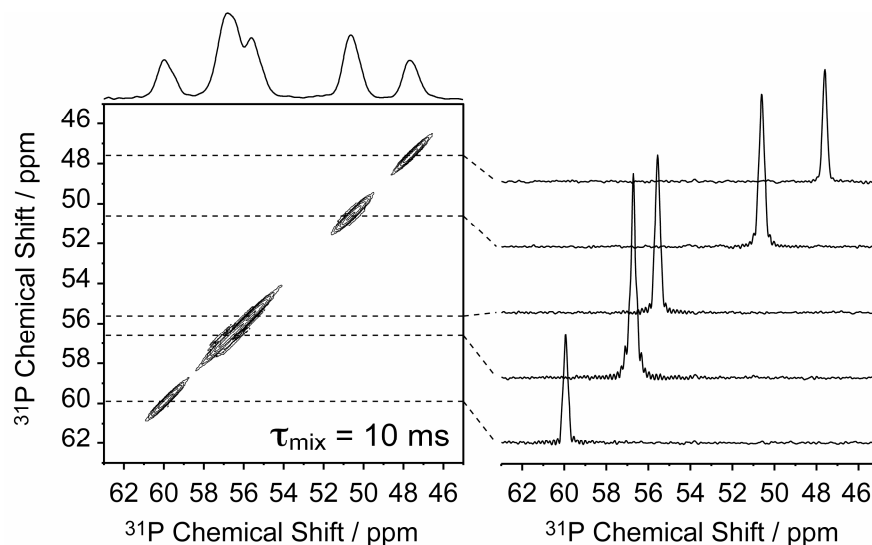
46 allée d'Italie, 69364 Lyon cedex 07, France

Phone: +33 4 72 72 84 86

Fax: +33 4 72 72 88 60

E-mail: lyndon.emsley@ens-lyon.fr

SUPPORTING INFORMATION:



LEGEND:

Phosphorus-31 Spin-diffusion experiment on (1) in similar conditions as the experiment for measuring 1D J-coupling distributions, i.e. at 30 kHz MAS and 310 K, on a 11.74 T magnet. No correlation peak is observed for a mixing time of 10 ms, indicating that no undesired magnetization transfer occurs during the z-filter of comparable length in the experiment whose results are shown in Figure 3(d, e).