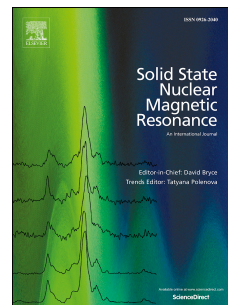


Accepted Manuscript

Is protein deuteration beneficial for proton detected solid-state NMR at and above 100 kHz magic-angle spinning?

Diane Cala-De Paepe, Jan Stanek, Kristaps Jaudzems, Kaspars Tars, Loren B. Andreas, Guido Pintacuda



PII: S0926-2040(17)30046-2

DOI: [10.1016/j.ssnmr.2017.07.004](https://doi.org/10.1016/j.ssnmr.2017.07.004)

Reference: YSNMR 808

To appear in: *Solid State Nuclear Magnetic Resonance*

Received Date: 28 April 2017

Revised Date: 14 July 2017

Accepted Date: 24 July 2017

Please cite this article as: D. Cala-De Paepe, J. Stanek, K. Jaudzems, K. Tars, L.B. Andreas, G. Pintacuda, Is protein deuteration beneficial for proton detected solid-state NMR at and above 100 kHz magic-angle spinning?, *Solid State Nuclear Magnetic Resonance* (2017), doi: 10.1016/j.ssnmr.2017.07.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Is protein deuteration beneficial for proton detected solid-state NMR at and above 100 kHz magic-angle spinning?

Diane Cala-De Paepe,^{a*} Jan Stanek,^{a*} Kristaps Jaudzems,^a Kaspars Tars,^b Loren B Andreas,^{a,c} Guido Pintacuda^{a#}

^a Centre de RMN à Très Hauts Champs, Institut des Sciences Analytiques (UMR 5280 – CNRS, ENS Lyon, UCB Lyon 1), Université de Lyon, 5 rue de la Doua, 69100 Villeurbanne, France

^b Biomedical Research and Study Centre, Rātsupītes 1, LV1067, Riga, Latvia

^c Max Planck Institute for Biophysical Chemistry, Am Fassberg 11, D-37077 Göttingen, Germany

* These authors contributed equally

Corresponding author: guido.pintacuda@ens-lyon.fr (Guido Pintacuda)

Download English Version:

<https://daneshyari.com/en/article/7844594>

Download Persian Version:

<https://daneshyari.com/article/7844594>

[Daneshyari.com](https://daneshyari.com)