sections of the chemical shifts of C_1/H_1, C_2/H_2, C_3/H_3, and C_4/H_4.

The above application only serves as a clear illustrative example. More efficient 2D-FTNMR methods are available for correlating the chemical shifts of directly bound nuclei via *J*-modulated polarization transfer.[7] The sequence described here is most useful when *J* coupling between the *I* and *S* spins is not present or is not resolved. Such a case might arise for a metal ion with nuclear spin $I = {}^1/_2$ which is bound in a complex molecule. Protons in the vicinity of the metal ion binding site would contribute to its dipolar relaxation, and the heteronuclear 2D-NOE sequence could provide an indication of the types of protons that make up the structure of the metal ion binding site. Preliminary $^{113}Cd(^1H)$ 2D-NOE studies of metalloorganic complexes indicate this is feasible.

This new heteronuclear 2D-NOE NMR experiment should be useful for identifying the structures surrounding the metal ion binding sites in complexes with organic and biological ligands. In combination with other 2D-NMR NOE experiments,[3] it could provide the complete solution structure of metal ion complexes. $^{15}N(^1H)$ heteronuclear 2D-NOE experiments might provide information on the protons involved in exchange in compounds such as peptides.

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(7) Bax, A.; Morris, G. A. *J. Magn. Reson.* **1981**, *42*, 501.

Additions and Corrections

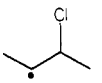
Low-Valent Molybdenum Porphyrin Derivatives: Synthesis and Structure of a π-Bonded Diphenylacetylene Adduct of Molybdenum(II) (*meso*-Tetra-*p*-tolylporphyrin) [*J. Am. Chem. Soc.* **1981**, *103*, 1850]. ANDRE DE CIAN, JOCELYNE COLIN, MICHEL SCHAPPACHER, LOUIS RICARD, and RAYMOND WEISS*

Reference 5: The correct space group for |MoTTP(PhC≡CPh)·$C_6H_5CH_3$| should read $P2_1/n$.

Fast Hydrolysis of Alkyl Radicals with Leaving Groups in the β Position [*J. Am. Chem. Soc.* **1982**, *104*, 7311–7312]. G. KOLTZENBURG, G. BEHRENS, and D. SCHULTE-FROHLINDE*

Page 7311: The missing rate constant in the sixth entry of Table I is 10^4.

Page 7312: Formula VII in Chart I should read:



Page 7312, thirteenth line after eq 4 should read as follows: ...on substitution of H by CH_3...