Diverse hydrogen-bonded structural motifs in 1,4-diazabicyclo[2.2.2]octane N,N'-dioxide salts with oxoanions

Ksenia. D. Abasheeva[1,2], Pavel A. Demakov[1]* and Vladimir P. Fedin[1]

[1] Nikolaev Institute of Inorganic Chemistry, Siberian Branch of the Russian Academy of Sciences, 3 Akad. Lavrenteva ave., 630090 Novosibirsk, Russia

[2] Department of Natural Sciences, Novosibirsk State University, 2 Pirogova st., 630090 Novosibirsk, Russia

*Correspondence: demakov@niic.nsc.ru

Supporting Information

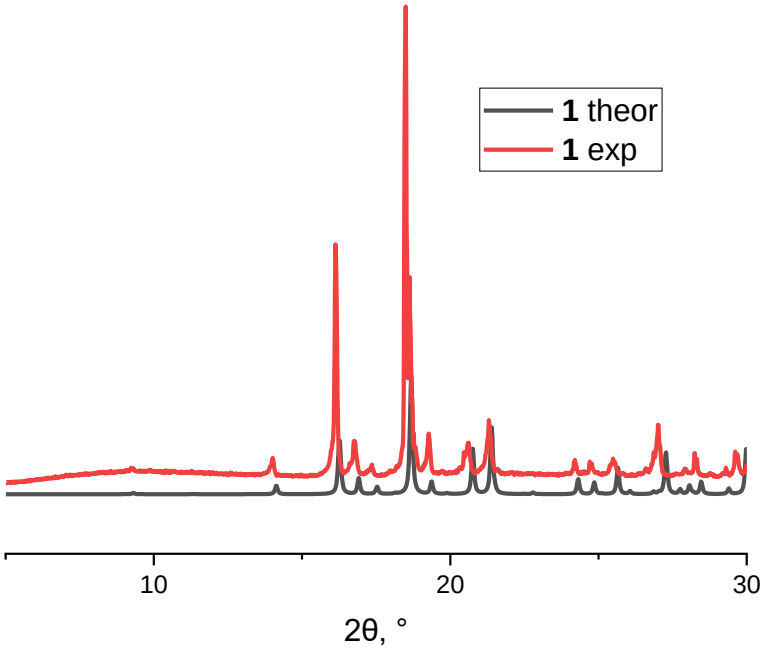

Figure S1. Experimental PXRD pattern of **1** sample compared to the theoretical one.

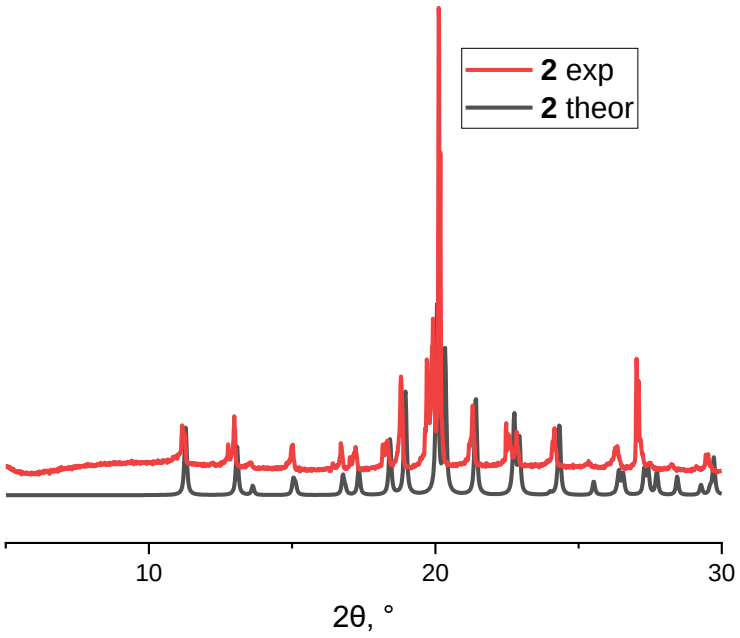

Figure S2. Experimental PXRD pattern of **2** sample compared to the theoretical one.

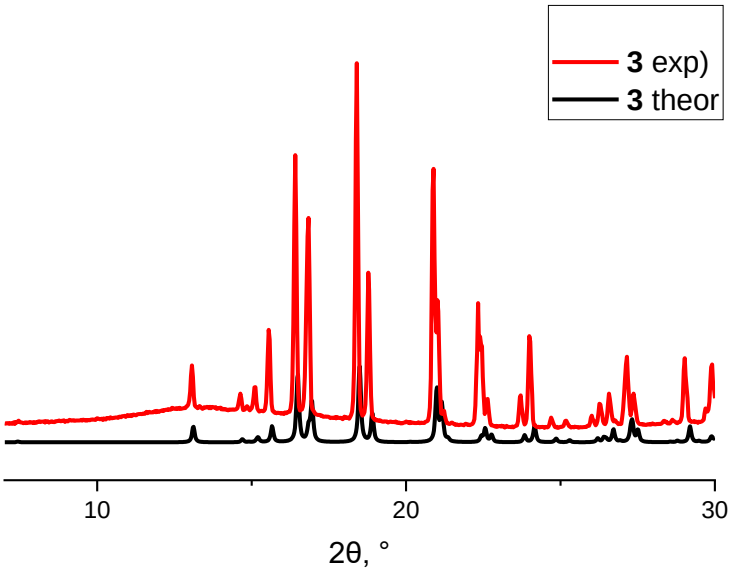

Figure S3. Experimental PXRD pattern of **3** sample compared to the theoretical one.

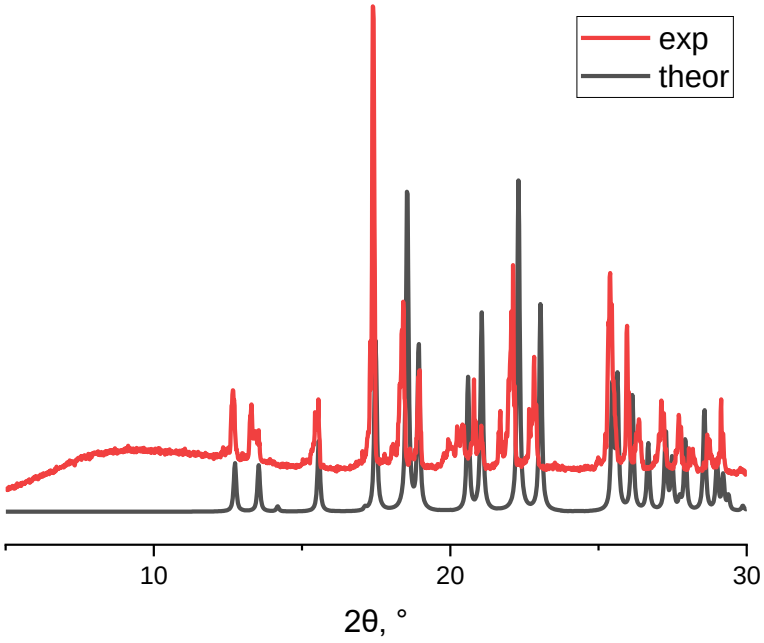

Figure S4. Experimental PXRD pattern of **4** sample compared to the theoretical one.

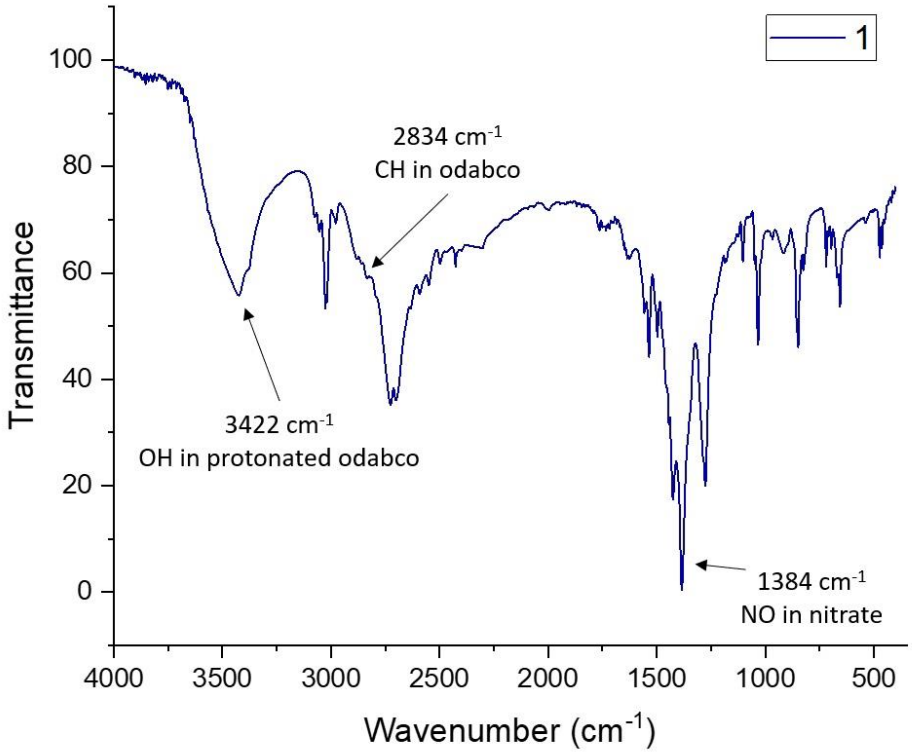

Figure S5. Infrared spectrum of **1**.

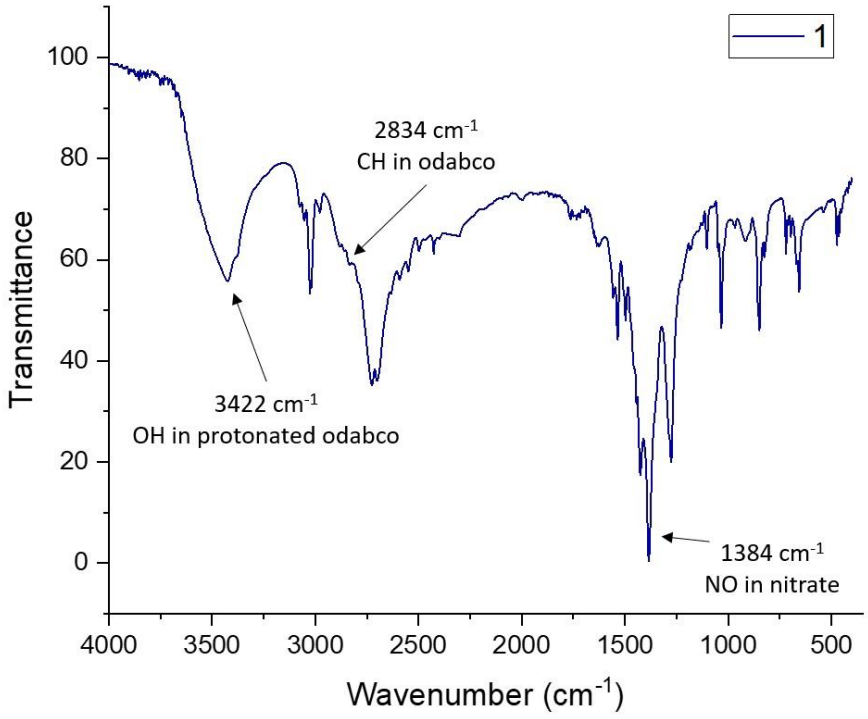

Figure S6. Infrared spectrum of **2**.

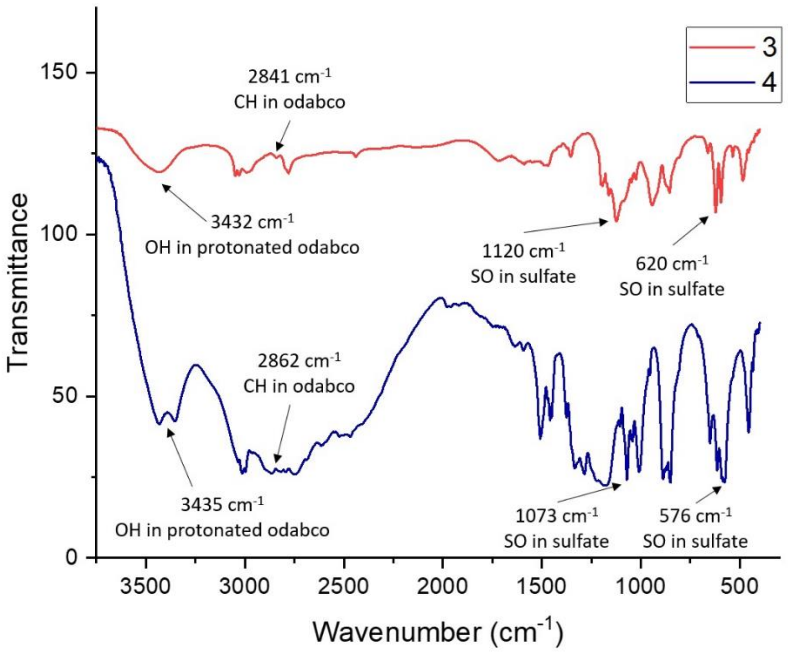

Figure S7. Infrared spectra of **3** and **4**.

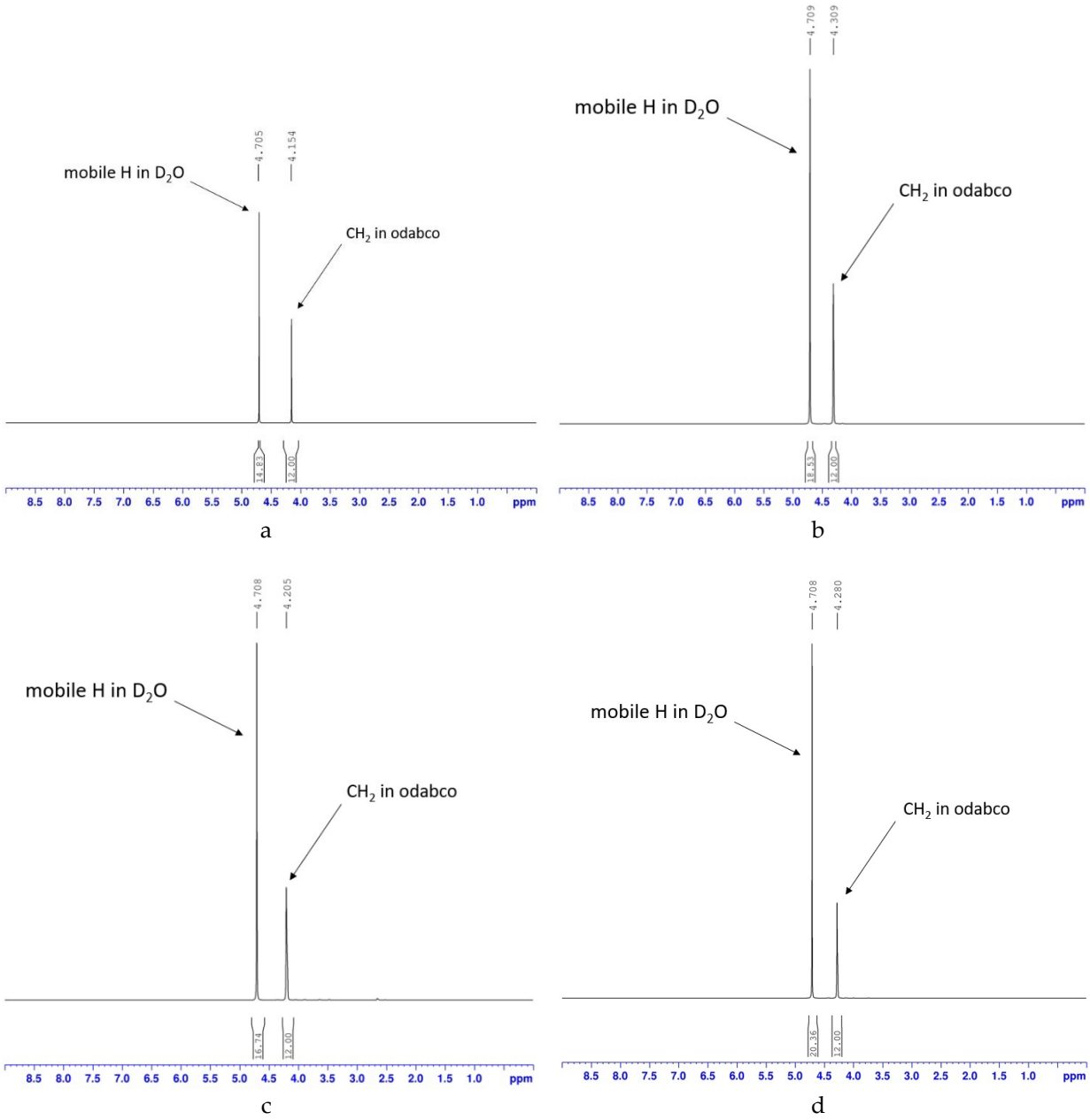

Figure S8. ^{1}H NMR spectra for **1** (a), **2** (b), **3** (c) and **4** (d) in D_2O. Peaks at ~4.71 ppm correspond to the residual mobile ^{1}H protons in D_2O.