ELECTRONIC SUPPLEMENTARY INFORMATION

Combining Oximes with Azides to Create a Novel 1-D [NaCo\textsuperscript{III} \textsubscript{2}] System: Synthesis, Structure and Solid-State NMR

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Figure S1. \textsuperscript{59}Co MAS SSNMR spectrum of 1, acquired at 21.1 T and $v_{\text{MAS}} = 60$ kHz. The centreband is denoted with an asterisk. The experimental position of centre of gravity of the centreband is located at the position ($\delta_{\text{cg}} = 9912(5)$ ppm) that would be expected using the $C_Q$ (\textsuperscript{59}Co), $\eta_Q$, and $\delta_{\text{iso}}$ values quoted in the manuscript, after adjusting for the known second-order quadrupolar shift, $\delta_Q$, which is equal to $-\left(1/392\right)(C_Q/v_\text{0})^2(1+(\eta_Q)^2/3) = -60$ ppm. (i.e., the centre of gravity of the centreband, $\delta_{\text{cg}}$, is calculated to be located at $\delta_{\text{iso}} + \delta_Q = 9975 - 60 = 9915$ ppm, in excellent agreement with observations).