Supporting information for article:

Crystal structure, synthesis and thermal properties of bis(acetonitrile-κN)bis(4-benzoylpyridine-κN)bis(isothiocyanato-κN)nickel(II)

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Figure S1. Calculated (A) and experimental (B) powder pattern of the title compound, as well as the calculated powder patterns for [Ni(NCS)$_2$ (4-benzoylpyridine)$_2$]$_n$ (C) and [Cd(NCS)$_2$ (4-benzoylpyridine)$_2$]$_n$ (D) together with the experimental powder pattern of the residue obtained after the first mass loss in a TG measurement of the title compound (E).
Figure S2. IR spectrum of the title compound.
Figure S3. IR spectrum of the residue obtained by thermogravimetry.
Figure S4. IR spectrum of [Ni(NCS)_2 (4-benzoylpyridine)_2 ]n reported in the literature.