

## Nickel complexes of a bis(benzimidazolin-2-ylidene)pyridine pincer ligand with four- and five-coordinate geometries

David H. Brown,<sup>\*a,b</sup> and Brian W. Skelton<sup>c</sup>

<sup>a</sup>*Nanochemistry Research Institute, Department of Chemistry, Curtin University, GPO Box U1987, Perth, WA 6845, Australia*

<sup>b</sup>*School of Biomedical, Biomolecular and Chemical Sciences, The University of Western Australia, 35 Stirling Hwy, Crawley, WA 6009, Australia*

<sup>c</sup>*Centre for Microscopy, Characterisation and Analysis, The University of Western Australia, 35 Stirling Highway, Crawley, WA 6009, Australia.*

### Supporting Information



$[(\text{CNC})\text{NiBr}_2]$  **8**



$[(\text{CNC})\text{NiI}_2]$  **9**



$[(\text{CNC})\text{NiBr}]\text{PF}_6$  **10**·PF<sub>6</sub>



$[(\text{CNC})\text{NiCl}]\text{PF}_6$  **11**·PF<sub>6</sub>

**Figure S1.** Images of the powders of the five-coordinate **8**, **9** and the four-coordinate **10**·PF<sub>6</sub> and **11**·PF<sub>6</sub>.