

Supplementary material for the article:

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Milenković, M.; Shcherbakov, I. N.; Popov, L. D.; Levchenkov, S. I.; Borodkin, S. A.; Alexandrov, G. G. Synthesis, Characterization and Crystal Structures of Ni(II) and Cu(I) Complexes with the Condensation Product of 2-(Diphenylphosphino)Benzaldehyde and 1-Hydrazinophthalazine. *Polyhedron* **2017**, *121*, 278–284.

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**Table S.1.** Intermolecular hydrogen bonds in crystal of **1** and **2**.

Donor–H···Acceptor	$d(\text{D–H}), \text{Å}$	$d(\text{H···A}), \text{Å}$	$d(\text{D···A}), \text{Å}$	$\angle(\text{D–H···A}), \text{deg}$
Complex <b>1</b>				
O1W–H1W1···N2	0.85	2.03	2.840(6)	159
O1W–H1W2···O4S	0.85	2.12	2.920(10)	157
N7–H7···O1W <sup>(i)</sup>	0.90	1.93	2.820(6)	173
Complex <b>2</b>				
N3–H3B···O3S <sup>(ii)</sup>	0.88	2.01	2.854(4)	160

Symmetry codes (i): 1 - x, -y, 1 - z; (ii) x, 2 - y, -1/2 + z