COMPLEX DERIVED FROM
2-HYDROXY-3-METHOXYBENZALDEHYDE SEMICARBAZONE
AND 2,2’-BIPYRIDINE

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Abstract. Reaction of 2-hydroxy-3-methoxybenzaldehyde semicarbazone with Ni(NO\textsubscript{3})\textsubscript{2}·6H\textsubscript{2}O, in the presence of 2,2’-bipyridine, afforded a dinuclear complex (1). Crystal structure of 1 revealed the dinuclear complex, in which one nickel center is surrounded octahedrally by two monoanionic O,N,O-donor semicarbazone. The second nickel center also adopts an octahedral geometry created by two 2,2’-bipyridine ligands and the bridging phenolate oxygen of the monodeprotonated semicarbazones.

Keywords: semicarbazone, binuclear nickel(II) complex; crystal structure.