

Synthesis, Structure and Reactivity of Dinuclear Nickel Amino-Thiophenolate Complexes bearing bridging $\text{VO}_2(\text{OH})_2^-$ and $\text{VO}_2(\text{OR})_2^-$ coligands

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Supporting Information

Magnetic susceptibility data of **3BPh₄**.

T / K	$\chi_{\text{M}} T_{\text{exp.}} / \text{cm}^3 \text{Kmol}^{-1}$	$\chi_{\text{M}} T_{\text{calcd.}} / \text{cm}^3 \text{Kmol}^{-1}$
2.00	2.71366	2.66967
3.00	2.97861	3.02301
4.02	3.15118	3.19997
5.01	3.28482	3.30266
6.01	3.3802	3.36959
7.01	3.43254	3.41604
8.00	3.46621	3.4492
9.01	3.48546	3.47386
10.01	3.49823	3.49243

11.00	3.50684	3.50673
12.00	3.51251	3.51811
13.00	3.52735	3.52726
14.01	3.53957	3.53468
15.00	3.54661	3.54068
16.00	3.55139	3.54567
17.00	3.55536	3.54978
18.00	3.55798	3.55314
19.00	3.55999	3.55589
20.00	3.5617	3.55806
30.00	3.55446	3.55671
40.00	3.51574	3.52453
50.02	3.46173	3.47357
60.07	3.40081	3.41395
70.10	3.34163	3.35279
80.13	3.28651	3.29377
90.16	3.23511	3.23868
100.15	3.18513	3.18838
110.20	3.14205	3.14243
120.26	3.10438	3.10092
130.27	3.06836	3.06361
140.29	3.03598	3.02995
150.31	3.00604	2.99951
160.33	2.97952	2.97194
170.28	2.95281	2.94714
180.37	2.93215	2.92423
190.37	2.91083	2.90355
200.41	2.89175	2.8846
210.41	2.87278	2.8673
220.42	2.85573	2.85141
230.44	2.84065	2.83679
240.45	2.82631	2.82334
250.44	2.8124	2.81094
260.46	2.79975	2.79944
270.45	2.78641	2.78882
280.45	2.77461	2.77895
290.44	2.76365	2.76979
300.44	2.75482	2.76127
310.44	2.74732	2.75333
320.44	2.74154	2.74593
330.43	2.73482	2.73903