Electronic Supplementary Material (ESI) for Dalton Transactions

Supporting Information

Covalent binding of a nickel macrocyclic complex to a silica support: towards an electron exchange column.

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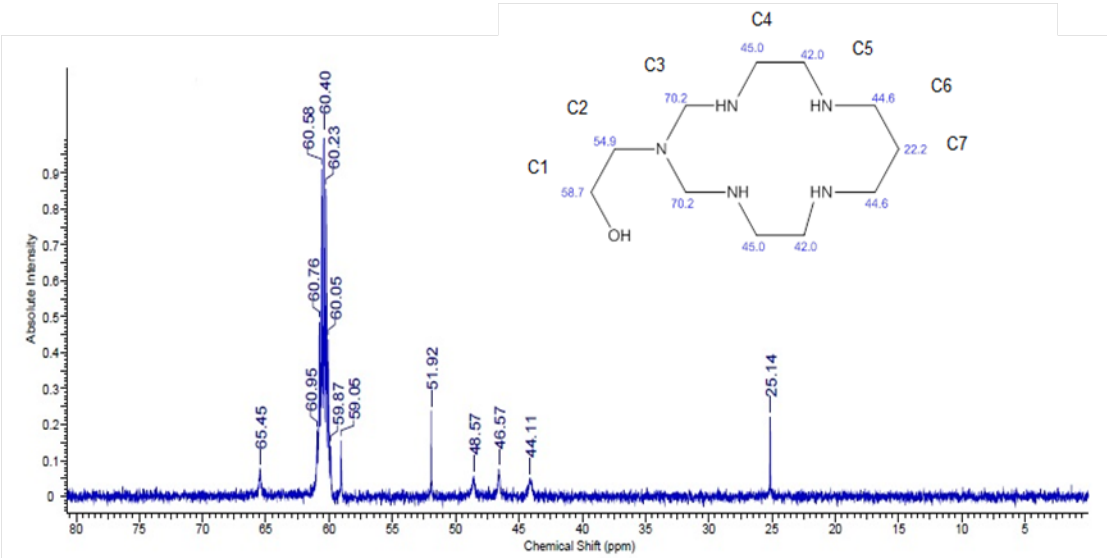

No.	(ppm)	(Hz)	Height
1	25.14	3161.1	0.2214
2	44.11	5547.2	0.0501
3	46.57	5856.2	0.0743
4	48.57	6108.0	0.0574

No.	(ppm)	(Hz)	Height
5	51.92	6529.5	0.2382
6	59.05	7425.9	0.1552
7	59.87	7528.9	0.1395
8	60.05	7551.8	0.4351

No.	(ppm)	(Hz)	Height
9	60.23	7574.7	0.8547
10	60.40	7595.7	1.0000
11	60.58	7618.6	0.9101
12	60.76	7641.5	0.4851

No.	(ppm)	(Hz)	Height
13	60.95	7664.4	0.1804
14	65.45	8230.8	0.0756

Fig S1: ^{13}C NMR of $[NiL^1](ClO_4)$ in nitromethane. Coupling constants and intensities are given inside the table. Carbons were numbered arbitrarily. The calculated chemical shifts obtained from ChemNMR are indicated nearby.

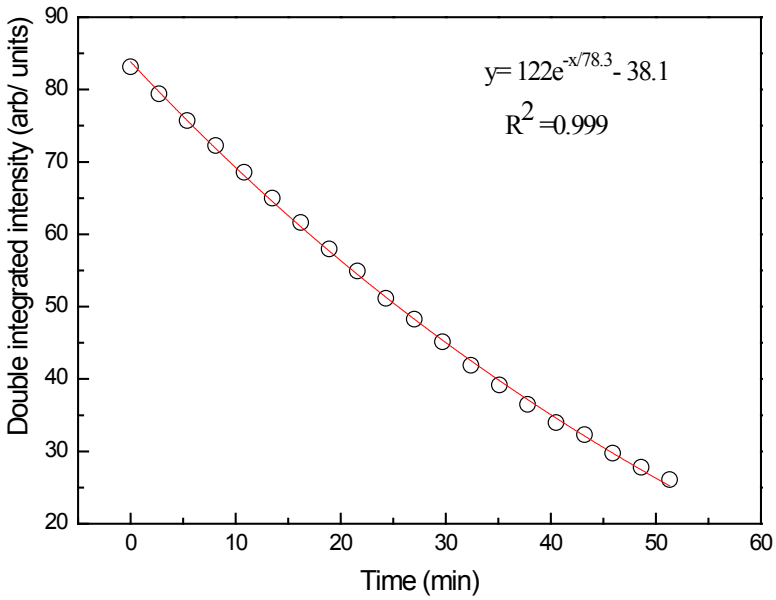

Figure S2: Kinetics of decomposition of $Ni^{III}L^2$ under oxygen-diminished atmosphere. The solid line is an exponential fit with a rate constant of *ca.* (78±15) minutes.

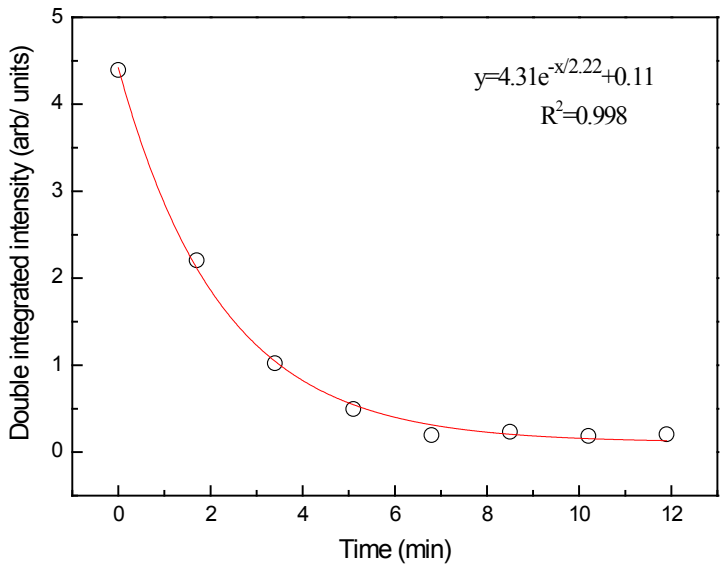

Figure S3: Kinetics of decomposition of $Ni^{III}L^2$ suspension in aqueous solution at pH 4.8. The solid line is an exponential fit with a rate constant of *ca*. (2 $\pm$ 0.5) minutes.