[Supporting Information]

Excellent chiralselectivity in sulfur-bridged Co^{III}MCo^{III} (M = Ni^{II} and Pd^{II}) trinuclear complexes containing 1,2-cyclohexanediamine

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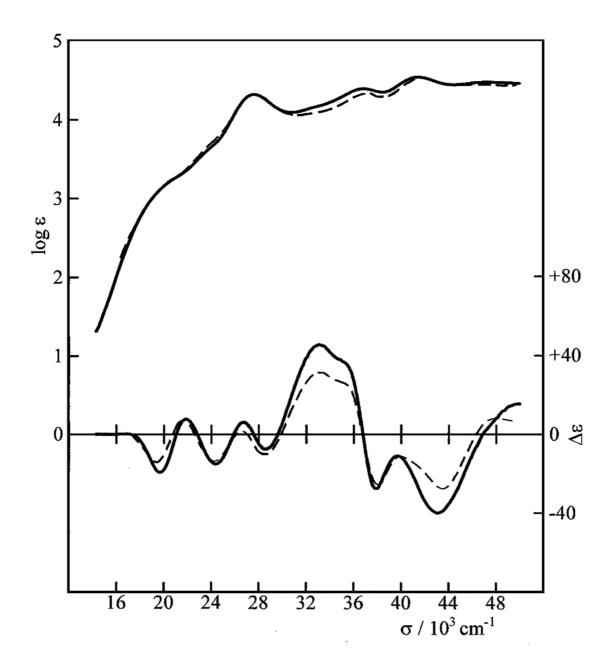


Figure S1 Electronic absorption and CD spectra of $\Delta_{RR}\Delta_{RR}$ - $[Ni\{Co(aet)_2(R, R-chxn)\}_2]^{4+}$ ([1a]⁴⁺) (—) and $[Ni\{Co(aet)_2(en)\}_2]^{4+}$ (- –).

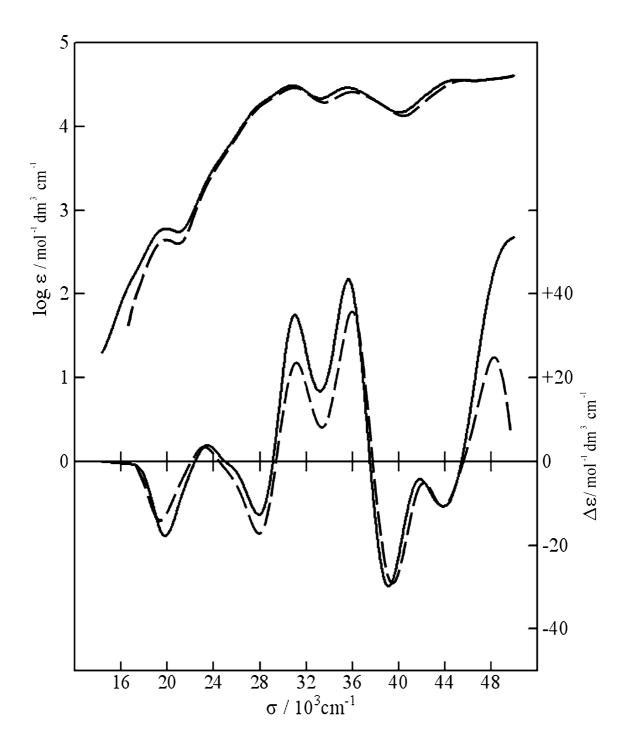


Figure S2 Electronic absorption and CD spectra of $\Delta_{RR}\Delta_{RR}$ -[Pd{Co(aet)₂(R,R-chxn)}₂]⁴⁺ ([**2a**]⁴⁺) (- - -).

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	$\log \varepsilon$ for abs		$\Delta \epsilon$ for CD			
abs max:	max / mol^{-1}	CD extrema:	extrema / mol^{-1}			
σ / 10 ³ cm ⁻¹	$dm^3 cm^{-1}$	σ / 10 ³ cm ⁻¹	$dm^3 cm^{-1}$			
[1a] ⁴⁺						
19.5	3.1 ^{sh}	19.69	-19.33			
23.8	3.7 ^{sh}	21.83	+7.71			
27.62	4.31	24.37	-15.15			
36.83	4.38	26.70	6.11			
41.49	4.52	28.65	-7.50			
		33.05	+45.51			
		35.4	+35.6 ^{sh}			
		37.94	-27.67			
		43.03	-40.00			
$\left[\mathbf{2a}\right]^{4+}$						
19.92	2.78	19.76	-17.7			
23.8	3.7 ^{sh}	23.49	+3.9			
27.7	4.2^{sh}	27.95	-12.7			
30.82	4.48	31.04	+35.0			
35.59	4.47	35.61	+43.6			
45.15	4.56	39.12	-29.7			
		43.86	-10.7			
The sh label denotes a shoulder.						

Table S1	Absorption and	CD Spectral Da	ata for $[\mathbf{1a}]^{4+}$	and $[2a]^{4+}$.
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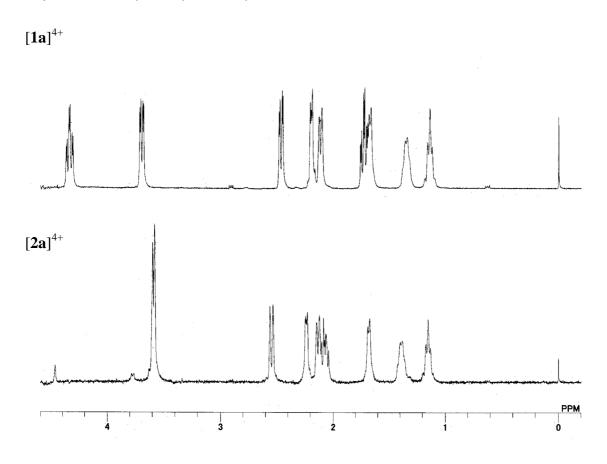


Figure S3 ¹H NMR spectra of $[1a]^{4+}$ and $[2a]^{4+}$ in D₂O.