Multiple folding structures mediated by metal coordination of acyclic multidentate ligand

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Supporting Information
Figure S1. $^1$H NMR spectrum of [L$_2$Zn$_6$(OAc)$_4$] in CDCl$_3$/CD$_3$OD (1:1).

Figure S2. $^1$H NMR spectrum of [LZn$_2$Sr(OAc)$_2$] in CDCl$_3$/CD$_3$OD (1:1).
Figure S3. $^1$H NMR spectral changes of $[\text{LZn}_2\text{Ba(OAc)}_2]$ in CDCl$_3$/CD$_3$OD (1:1) upon the addition of La(OAc)$_3$.

Figure S4. $^1$H NMR spectral changes of $[\text{LZn}_2\text{La(OAc)}_2](\text{PF}_6)$ in CDCl$_3$/CD$_3$OD (1:1) upon the addition of Ba(OAc)$_2$. 
Figure S5. $^1$H NMR spectral changes of [LZn$_2$Ba(OAc)$_2$] in CDCl$_3$/CD$_3$OD (1:1) upon the addition of Pd(OAc)$_2$. 
Figure S6. Crystal structure of [LZn₂La(OAc)₂]⁺ with thermal ellipsoids drawn at 50% probability level.

Figure S7. Crystal structure of [LZn₂Ce(OAc)₂]⁺ with thermal ellipsoids drawn at 50% probability level.
Figure S8. Crystal structure of [LZn₂Pr(OAc)₂]⁺ with thermal ellipsoids drawn at 50% probability level.

Figure S9. Crystal structure of [LZn₂Nd(OAc)₂]⁺ with thermal ellipsoids drawn at 50% probability level.
Figure S10. Crystal structure of $[\text{LZn}_2\text{Sm(OAc)}_2]^+$ with thermal ellipsoids drawn at 50% probability level.

Figure S11. Crystal structure of $[\text{LZn}_2\text{Eu(OAc)}_2]^+$ with thermal ellipsoids drawn at 50% probability level.
Figure S12. Crystal structure of [LZn$_2$Gd(OAc)$_2$]$^+$ with thermal ellipsoids drawn at 50% probability level.