

Schiff-base macrocyclic Zn^{II} complexes based upon flexible pendant-armed extended dialdehydes

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Supporting Information

Table S1 The formulas of complexes **1–30**.

1	[Zn ₂ (Hhpdd) ₂ (H ₂ O) ₂](NO ₃) ₂	[Zn ₂ (C ₂₄ H ₂₀ Cl ₂ NO ₅) ₂ (H ₂ O) ₂](NO ₃) ₂
2	[Zn ₂ (pdd) ₂ (H ₂ O) ₂]	[Zn ₂ (C ₂₄ H ₁₉ Cl ₂ NO ₄) ₂ (H ₂ O) ₂]
3	[Zn ₂ (H ₂ L _a)](NO ₃) ₂	[Zn ₂ (C ₆₀ H ₆₄ Cl ₄ N ₆ O ₁₀)](NO ₃) ₂
4	[Zn ₂ (H ₂ L _b)(NO ₃)](NO ₃)	[Zn ₂ (C ₆₀ H ₆₄ Cl ₄ N ₆ O ₈)(NO ₃)](NO ₃)
5a	[Zn ₂ (H ₂ L _c)(NO ₃)](NO ₃)	[Zn ₂ (C ₅₃ H ₅₀ Cl ₄ N ₆ O ₆)(NO ₃)](NO ₃)
5b	[Zn ₂ (H ₂ L _d)(NO ₃)](NO ₃)	[Zn ₂ (C ₅₃ H ₅₀ Cl ₄ N ₆ O ₄)(NO ₃)](NO ₃)
6	PbL _e	PbC ₂₇ H ₂₅ Cl ₂ N ₃ O ₃
7	[Pb(HL _f)] ₂ (NO ₃) ₂	[Pb(C ₂₇ H ₂₆ Cl ₂ N ₃ O ₂)] ₂ (NO ₃) ₂
8	[ZnCl ₂ (H ₂ L _g)]	[ZnCl ₂ (C ₂₇ H ₂₇ Cl ₂ N ₃ O ₂)]
9	[ZnBr ₂ (H ₂ L _g)]	[ZnBr ₂ (C ₂₇ H ₂₇ Cl ₂ N ₃ O ₂)]
10	[Zn ₃ BrO(H ₂ L _h)]Br	[Zn ₃ BrO(C ₅₄ H ₅₂ Cl ₄ N ₆ O ₅)]Br
11	[Zn ₃ IO(H ₂ L _h)]I	[Zn ₃ IO(C ₅₄ H ₅₂ Cl ₄ N ₆ O ₅)]I
12	[Zn ₃ ClO(H ₂ L _i)]Cl	[Zn ₃ ClO(C ₅₄ H ₅₂ Cl ₄ N ₆ O ₇)]Cl
13	[Zn ₃ BrO(H ₂ L _i)]Br	[Zn ₃ BrO(C ₅₄ H ₅₂ Cl ₄ N ₆ O ₇)]Br
14	[Zn ₃ IO(H ₂ L _i)]I	[Zn ₃ IO(C ₅₄ H ₅₂ Cl ₄ N ₆ O ₇)]I
15	[Zn ₄ Cl ₄ (H ₂ L _j)]	[Zn ₄ Cl ₄ (C ₁₂₀ H ₁₂₀ C ₁₈ N ₁₂ O ₁₂)]
16	[Zn ₂ (H ₂ L _k)(H ₂ O) ₂](NO ₃) ₂	[Zn ₂ (C ₆₀ H ₆₀ Cl ₄ N ₆ O ₄)(H ₂ O) ₂](NO ₃) ₂
17	[Zn ₂ (H ₂ L _l)(H ₂ O) ₂](NO ₃) ₂	[Zn ₂ (C ₆₀ H ₆₀ Cl ₄ N ₆ O ₆)(H ₂ O) ₂](NO ₃) ₂
18	[Zn ₂ Cl ₂ (H ₂ L _m)]	[Zn ₂ Cl ₂ (C ₆₀ H ₆₀ Cl ₄ N ₆ O ₄)]
19	Zn ₃ L _n	Zn ₃ (C ₅₇ H ₇₈ N ₆ O ₃)
20	Zn ₂ L _o	Zn ₂ (C ₃₆ H ₄₆ N ₄ O ₂)
21	[Zn ₂ (H ₂ L _p)(NO ₃)](NO ₃)	[Zn ₂ (C ₆₀ H ₆₄ Cl ₄ N ₆ O ₈)(NO ₃)](NO ₃)
22	[Zn ₂ Na ₂ (L _q)(OH)] ₂ [N(CN) ₂] ₂	[Zn ₂ Na ₂ (C ₁₂₄ H ₁₃₂ Cl ₈ N ₁₄ O ₁₆)(OH)] ₂ [N(CN) ₂] ₂
23a	[Zn ₂ (H ₂ L _r)(OH)]Cl	[Zn ₂ (C ₅₆ H ₆₈ Cl ₄ N ₆ O ₈)(OH)]Cl
23b	[Zn ₂ (H ₂ L _r)(OH)]Br	[Zn ₂ (C ₅₆ H ₆₈ Cl ₄ N ₆ O ₈)(OH)]Br
24a	[Cd ₂ (H ₂ L _r)Cl] ₂ [Cd ₂ Cl ₆]	[Cd ₂ (C ₅₆ H ₆₈ Cl ₄ N ₆ O ₈)Cl] ₂ [Cd ₂ Cl ₆]
24b	[Cd ₂ (H ₂ L _r)Br] ₂ [Cd ₂ Br ₆]	[Cd ₂ (C ₅₆ H ₆₈ Cl ₄ N ₆ O ₈)Br] ₂ [Cd ₂ Br ₆]
25a	[Cu ₂ (H ₂ L _r)Cl]Cl	[Cu ₂ (C ₅₆ H ₆₈ Cl ₄ N ₆ O ₈)Cl]Cl
25b	[Cu ₂ (H ₂ L _r)Br]Br	[Cu ₂ (C ₅₆ H ₆₈ Cl ₄ N ₆ O ₈)Br]Br
26a	[Cu ₂ (HL _s)Cl ₂] ₂ [CuCl ₄]	[Cu ₂ (C ₂₈ H ₃₄ Cl ₂ N ₃ O ₄)Cl ₂] ₂ [CuCl ₄]
26b	[Cu ₂ (HL _s)Cl ₂] ₂ [CdCl ₄]	[Cu ₂ (C ₂₈ H ₃₄ Cl ₂ N ₃ O ₄)Cl ₂] ₂ [CdCl ₄]
27	[Zn ₂ L _t (H ₂ O) ₂](ClO ₄) ₂	[Zn ₂ (C ₂₄ H ₂₆ N ₄ O ₂)(H ₂ O) ₂](ClO ₄) ₂
28	[Zn ₂ L _t (py-4-SH) ₂](ClO ₄) ₂	[Zn ₂ (C ₂₄ H ₂₆ N ₄ O ₂)(C ₅ H ₅ NS) ₂](ClO ₄) ₂
29	[Zn ₂ L _u (EtOH)(H ₂ O)]	[Zn ₂ (C ₄₄ H ₂₈ Cl ₄ N ₄ O ₄)(EtOH)(H ₂ O)]
30	[Zn ₂ L _v (DMF)(H ₂ O)]	[Zn ₂ (C ₄₄ H ₂₈ Cl ₄ N ₄ O ₈)(DMF)(H ₂ O)]