Electronic Supplementary Material (ESI) for RSC Advances.

Table **S1**. Selected crystallographic data and structure refinement for **1-4**

Compound	**1**	**2**	**3**	**4**
Empirical formula	$C_6H_{12}ZnN_{10}O_8$	$C_{16}H_{12}ZnN_{10}O_4$	$C_6H_{14}ZnN_9O_9$	$C_{36}H_{70}Zn_3N_{24}O_{32}$
Formula mass	417.65	473.75	421.65	1547.27
Crystal system	triclinic	monoclinic	triclinic	triclinic
Space group	*P*ī	*C2/c*	*P*ī	*P*ī
a (Å)	6.1124(12)	22.524(4)	9.1851(18)	8.5225(17)
b (Å)	6.6178(13)	8.6370(17)	9.2931(19)	13.641(3)
c (Å)	9.6089(19)	9.758(2)	11.060(2)	14.685(3)
α (°)	78.70(3)	90.00	107.50(3)	65.49(3)
β (°)	82.88(3)	113.25(3)	95.43(3)	77.19(3)
γ (°)	75.59(3)	90.00	118.39(3)	79.62(3)
V (Å^3)	368.00(13)	1744.2(6)	759.7(3)	1507.2(5)
Z	1	4	2	1
T/K	291(2)	291(2)	291(2)	293(2)
D_{calcd} (g.cm^{-3})	1.885	1.804	1.843	1.705
μ (mm^{-1})	1.737	1.463	1.687	1.297
Reflections collected	3869	8640	7958	11753
Unique Reflections(R_{int})	1677 (0.0283)	2004 (0.0860)	3464 (0.1072)	4767 (0.0719)

No. Observations (I >2.00 σ(I))	1557	1502	1920	3403
No. Variables	115	141	211	421
R_1[a] , wR_2[b] (I>2sigma(I))	0.0430, 0.1506	0.0610，0.1059	0.0758,0.1642	0.0726,0.1723
R_1, wR_2 (all data)	0.0470, 0.1530	0.0910, 0.1157	0.1585, 0.2011	0.1044, 0.1904
GOF[c]	1.244	1.063	0.996	0.908
Δ/ρ_{max} (e/Å^3)	0.923	0.406	0.611	1.313
Δ/ρ_{min} (e/Å^3)	-0.827	-0.482	-0.698	-0.957

[a] $R = \square \Sigma ||F_o|-|F_c|/\Sigma |F_o|$. [b] $Rw = \{\Sigma w(F_o^2-F_c^2)^2/\Sigma w(F_o^2)^2\}^{1/2}$. [c] $GOF = \{w((F_o^2-F_c^2)^2)/(n-p)\}^{1/2}$, where n = number of reflections and p = total numbers of parameters refined.