

Electronic Supplementary Information

One-dimensional arrangement of NORIA in the solid state

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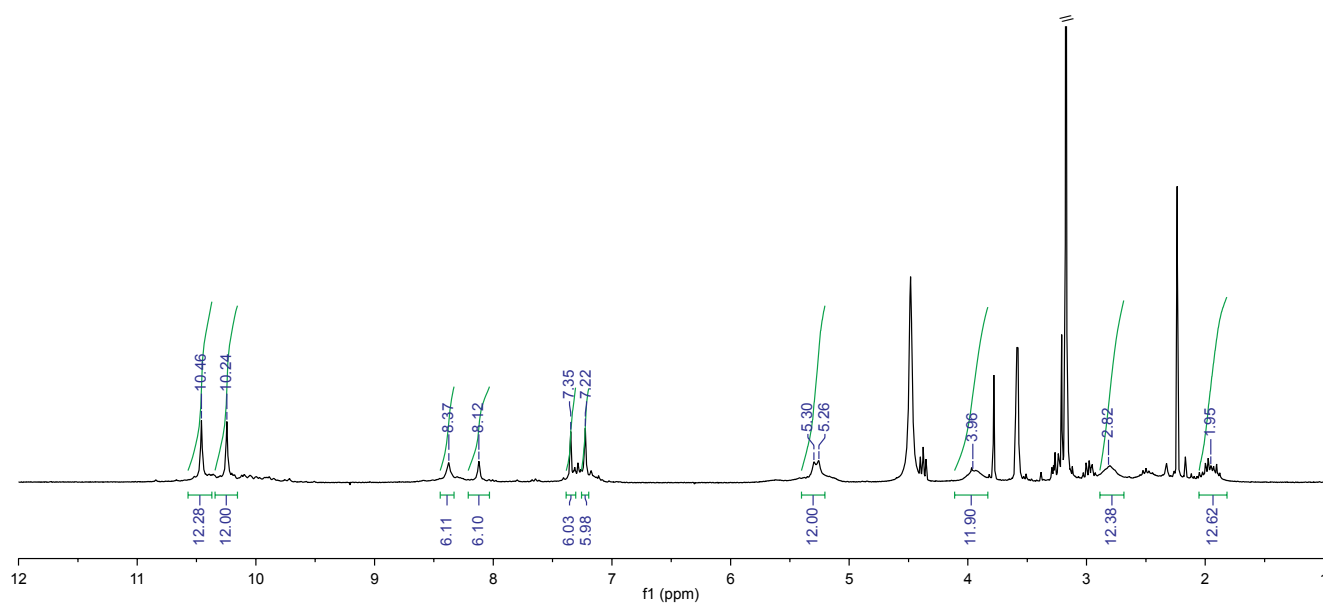


Figure S1. ^1H NMR spectrum (300 MHz, $\text{DMDO-}d_6$, 293 K) of a crude mixture containing NORIA.

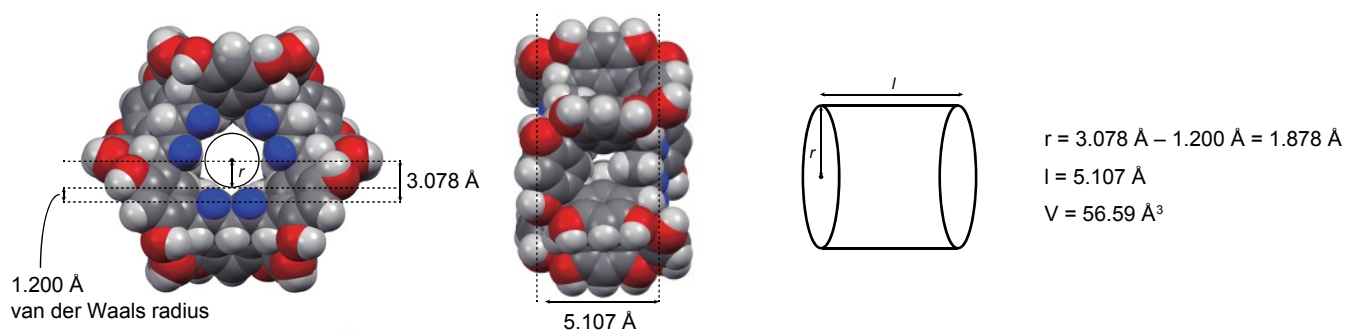


Figure S2. The calculation of the cavity size of NORIA.

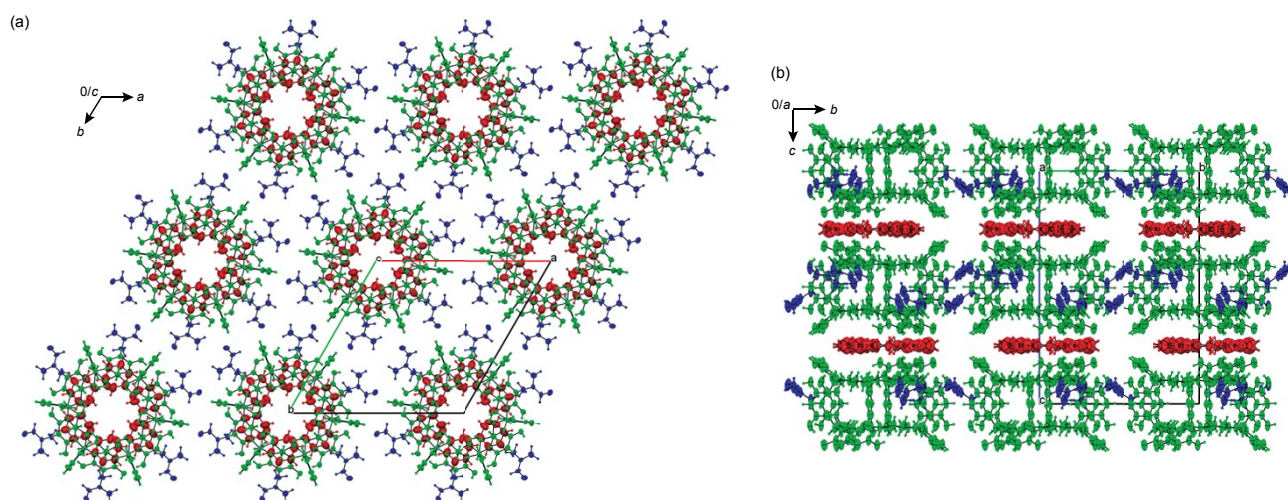


Figure S3. X-ray crystal structure of **5** viewed along (a) the c axis and the a axis (25% probability ellipsoids). Color scheme: green (NORIA), blue (DMF), red (toluene).

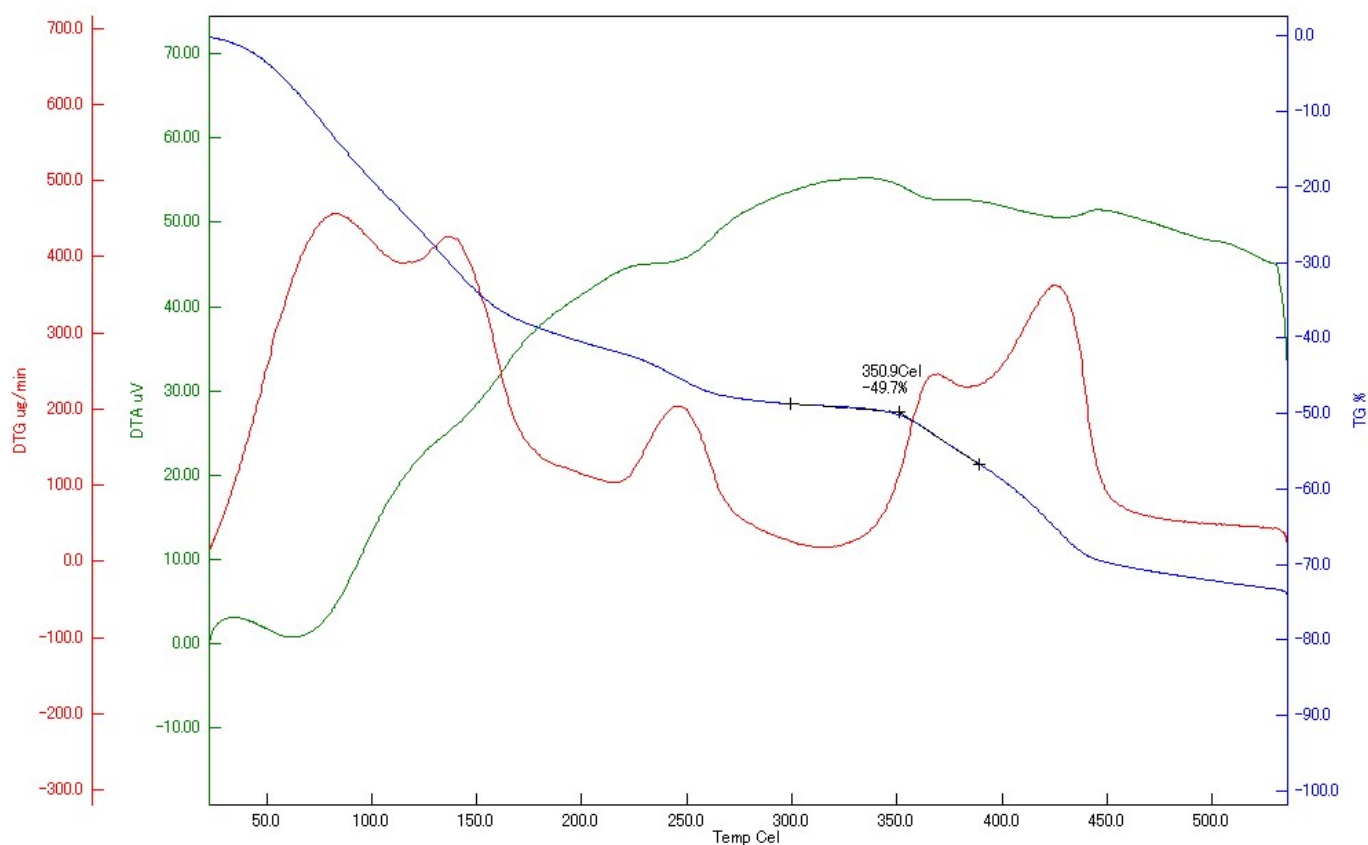


Figure S4. TG analysis of crystal **1**. 11.87 mg of **1** was used for the analysis. Conditions: N_2 atmosphere, 5°C min^{-1} .

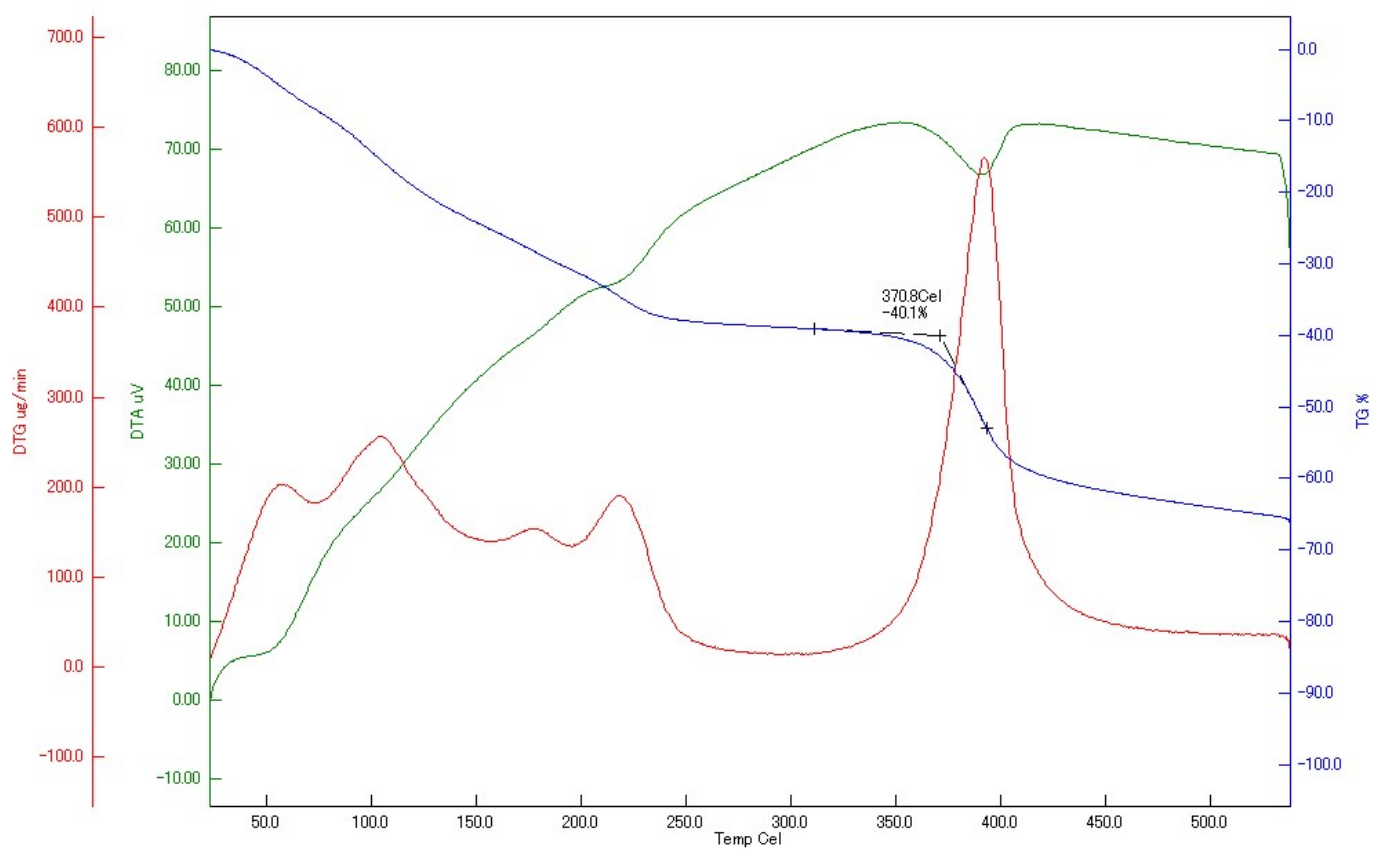


Figure S5. TG analysis of crystal **4**. 8.68 mg of **4** was used for the analysis. Conditions: N_2 atmosphere, $5\text{ }^\circ\text{C min}^{-1}$.

Table S1. O–H...O hydrogen bonds found in crystals **1–5**.^[1]

Crystal	Donor–H...Acceptor	D–H / Å	H...A / Å	D...A / Å	symmetry operation
1	O3–H3...O101	0.84	1.90	2.5785(16)	$-x, 1-y, 1-z$
	O5–H5...O131	0.84	1.80	2.6105(16)	$-1+x, y, 1+z$
	O7–H7...O6	0.84	1.92	2.7368(16)	
	O10–H10...O9	0.84	2.02	2.7030(16)	
	O12–H100...O1	0.84	2.01	2.7139(16)	
	O4–H107...O5	0.84	1.97	2.7224(16)	
2	O2–H2...O301	0.84	1.77	2.5852(5)	$-x, 1-y, 1-z$
	O3–H3...O2	0.84	1.89	2.7122(5)	
	O5–H5...O4	0.84	2.07	2.7138(5)	
	O8–H8...O9	0.84	1.95	2.7279(5)	
	O12–H12...O6	0.84	1.87	2.6912(5)	$1-x, 1-y, -z$
	O1–H100...O7	0.84	2.44	2.7400(5)	
3	O1–H1...O3	0.84	2.38	2.7012(9)	
	O3–H3...O201	0.84	1.73	2.5626(9)	$1-x, 1-y, 1-z$
	O4–H4...O5	0.84	1.86	2.6907(9)	
	O5–H5...O301	0.84	1.77	2.6059(9)	$1-x, 1-y, -z$
	O8–H8...O10	0.84	1.95	2.7404(9)	
	O9–H9...O401	0.84	1.79	2.6171(9)	$1-x, 2-y, -z$
	O10–H10A...O8	0.84	1.93	2.7404(9)	
	O11–H11...O9	0.84	1.86	2.6987(9)	
	O12–H12...O2	0.84	1.86	2.6881(9)	$-x, 2-y, 1-z$
4	O1–H1A...O101	0.84	1.97	2.6208(11)	$1-x, 1-y, -z$
5	O1–H1...O301	0.84	1.74	2.5769(7)	$-x, 1-y, -z$
	O3–H3A...O4	0.84	1.82	2.6419(7)	