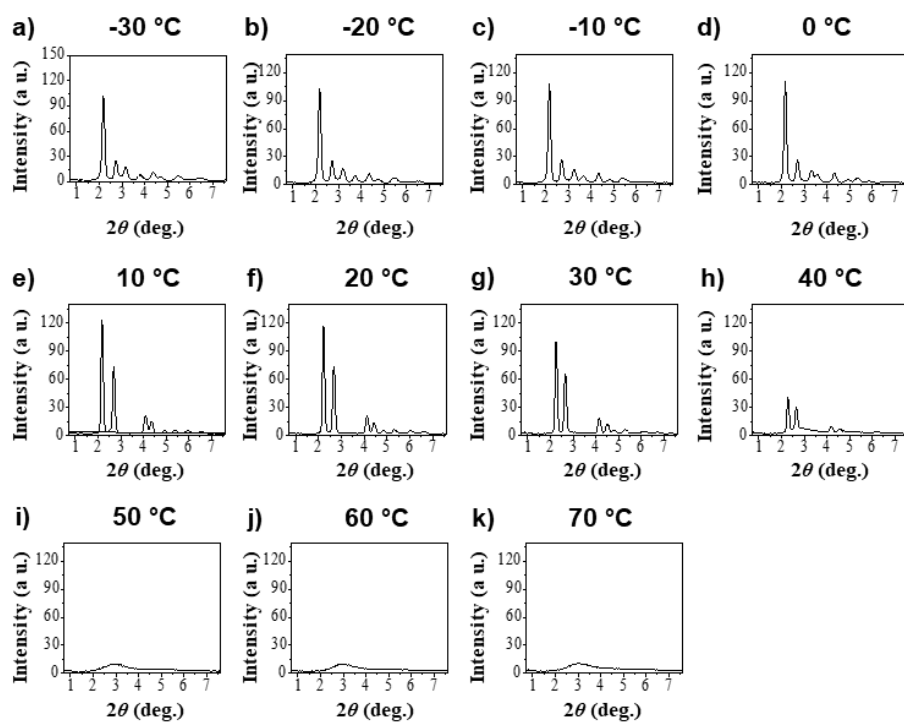


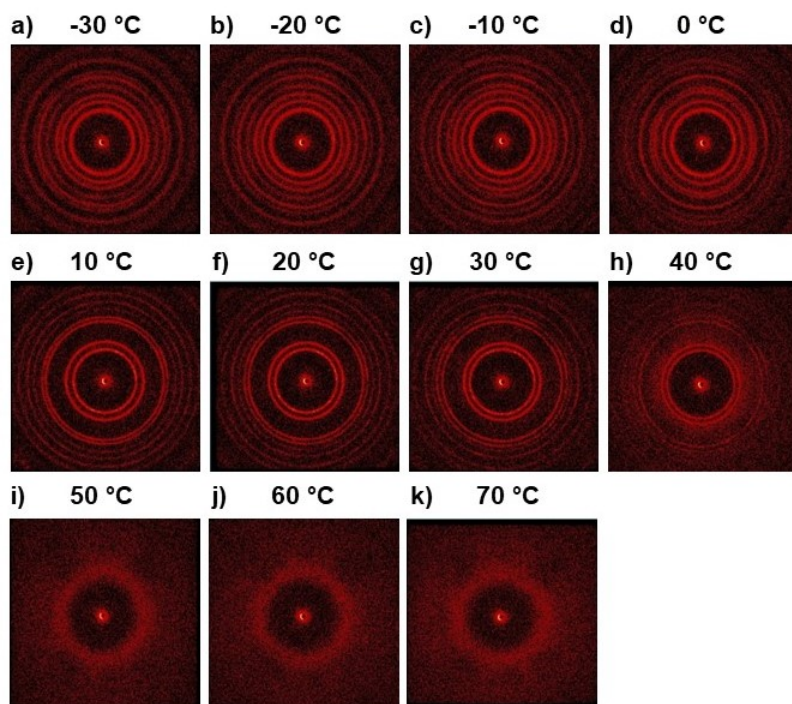
# Temperature-Dependent X-Ray Studies of Discotic Hexagonal Columnar Mesophases in Trinuclear Gold(I) Pyrazolate Complex

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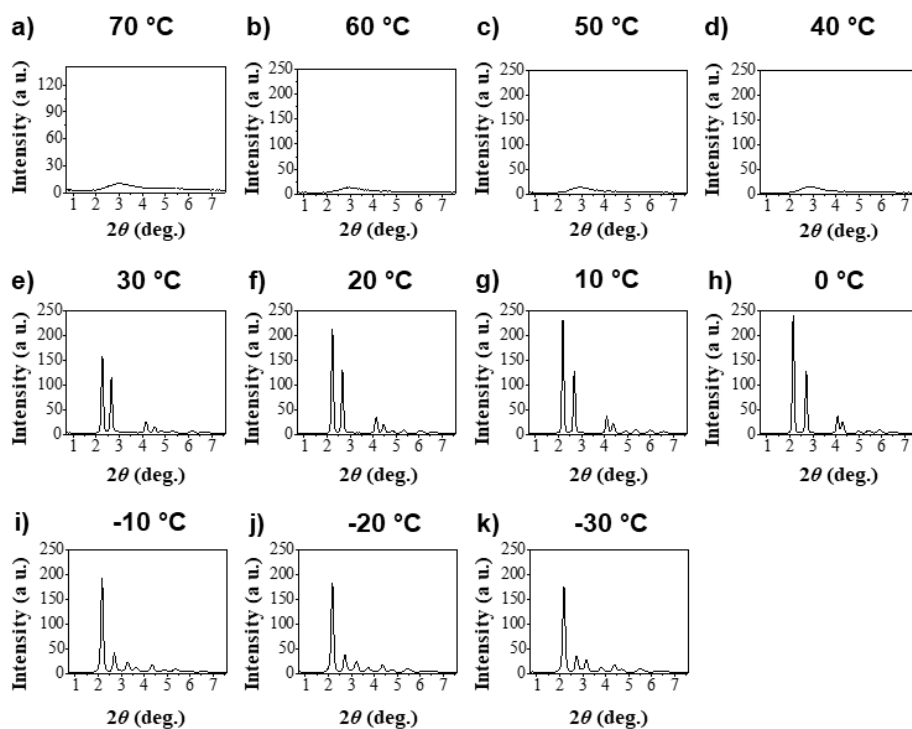
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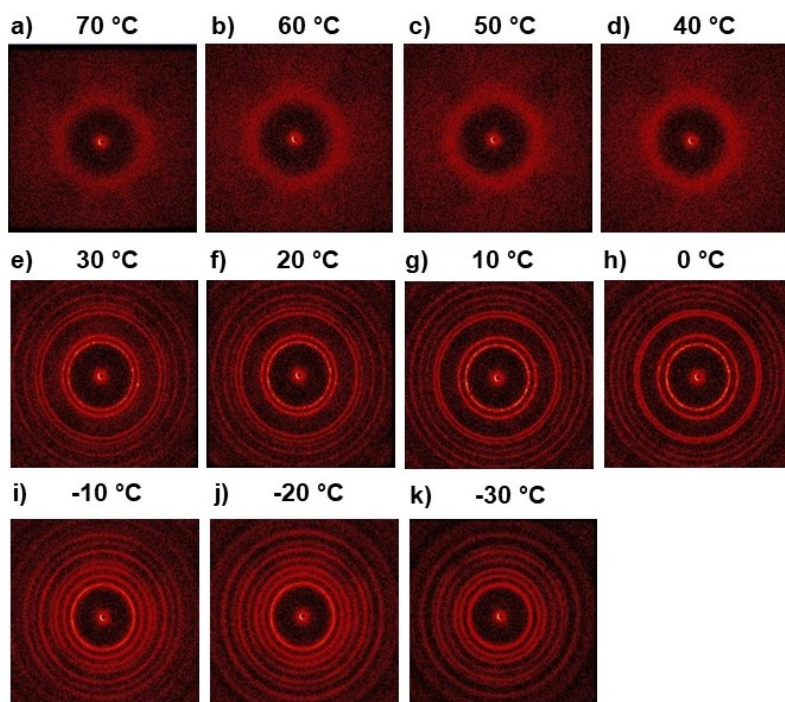
**Figure S1.** VT-SAXS patterns in 1D view of  $[\text{Au}_3\text{Pz}_3]\text{C}_{10}\text{TEG}$  upon second heating cycle from -30 to 70 °C range at a) -30, b) -20, c) -10, d) 0, e) 10, f) 20, g) 30, h) 40, i) 50, j) 60, and k) 70 °C



**Figure S2.** VT-SAXS patterns in 2D view of  $[\text{Au}_3\text{Pz}_3]\text{C}_{10}\text{TEG}$  upon second heating cycle from -30 to 70 °C at a) -30, b) -20, c) -10, d) 0, e) 10, f) 20, g) 30, h) 40, i) 50, j) 60, and k) 70 °C



**Figure S3.** VT-SAXS patterns with 1D view of  $[\text{Au}_3\text{Pz}_3]\text{C}_{10}\text{TEG}$  upon second cooling cycle from 70 to  $-30$  °C at a) 70, b) 60, c) 50, d) 40, e) 30, f) 20, g) 10, h) 0, i)  $-10$ , j)  $-20$ , and k)  $-30$  °C



**Figure S4.** VT-SAXS patterns with 2D view of  $[\text{Au}_3\text{Pz}_3]\text{C}_{10}\text{TEG}$  upon second cooling cycle from 70 to  $-30$  °C at a) 70, b) 60, c) 50, d) 40, e) 30, f) 20, g) 10, h) 0, i)  $-10$ , j)  $-20$ , and k)  $-30$  °C