Supporting Information

Liquid crystal compound anti-ice surface

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Figure S1. FT-IR spectrogram of M₁

Figure S2. ¹H NMR spectrum of liquid crystal compound (600 MHz, CDCl₃)

Figure S3 TG curve of M1

Figure S4 POM photo of M1 at -30°C

Table S1 the results of M1 (C₃₈H₅₆O₃) elemental analyses

Value	C/%	H/%
Calculated Value	81.38	10.09
Measured Value	81.30	9.94