ELECTRONIC SUPPLEMENTARY INFORMATION

Synthesis and characterization of carbazolo[2,1-*a*]carbazole in thin film and single crystal field-effect transistors

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NMR spectra

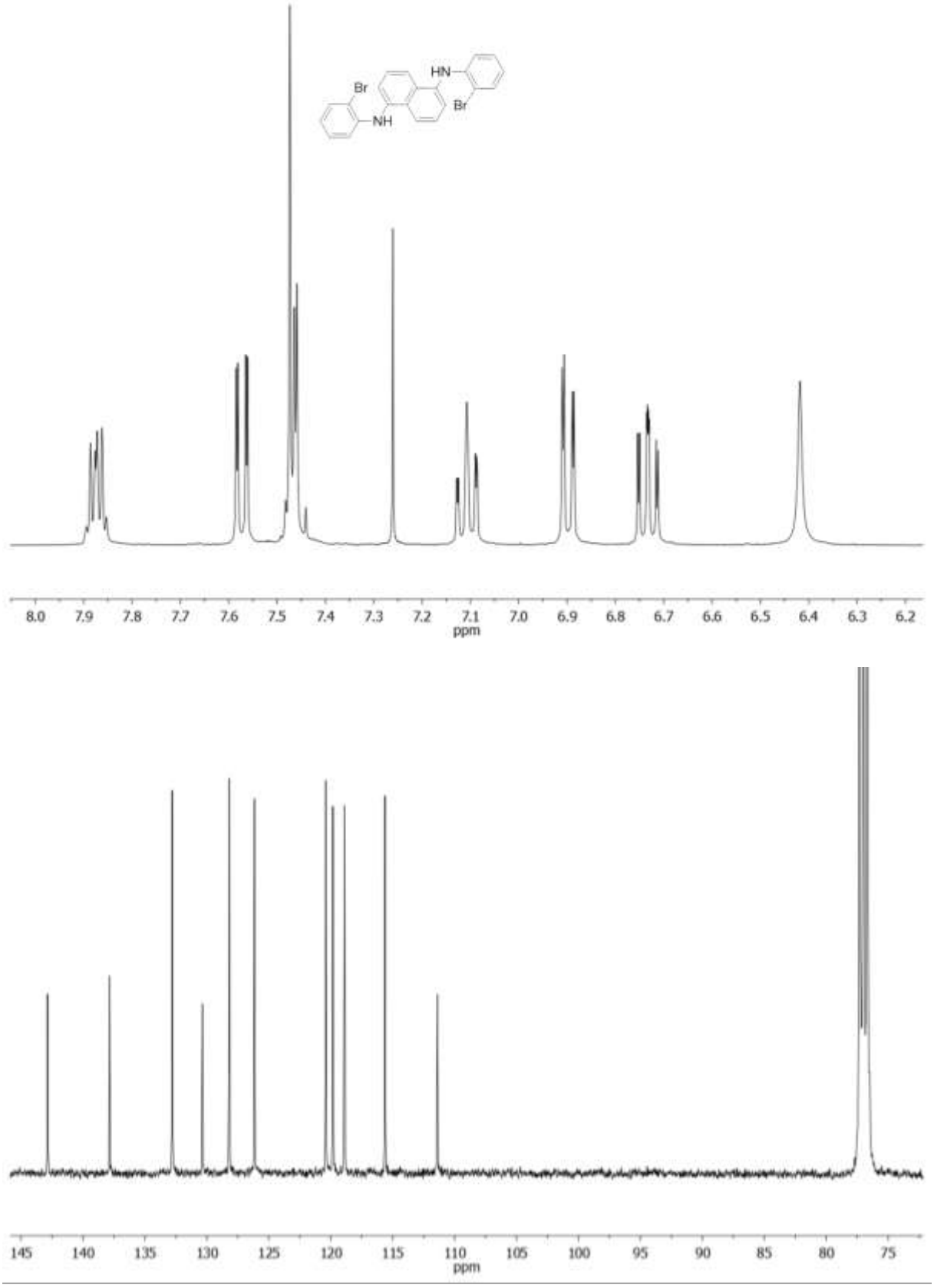

Figure S1. ^{1}H NMR and ^{13}C NMR spectra of compound **1**.

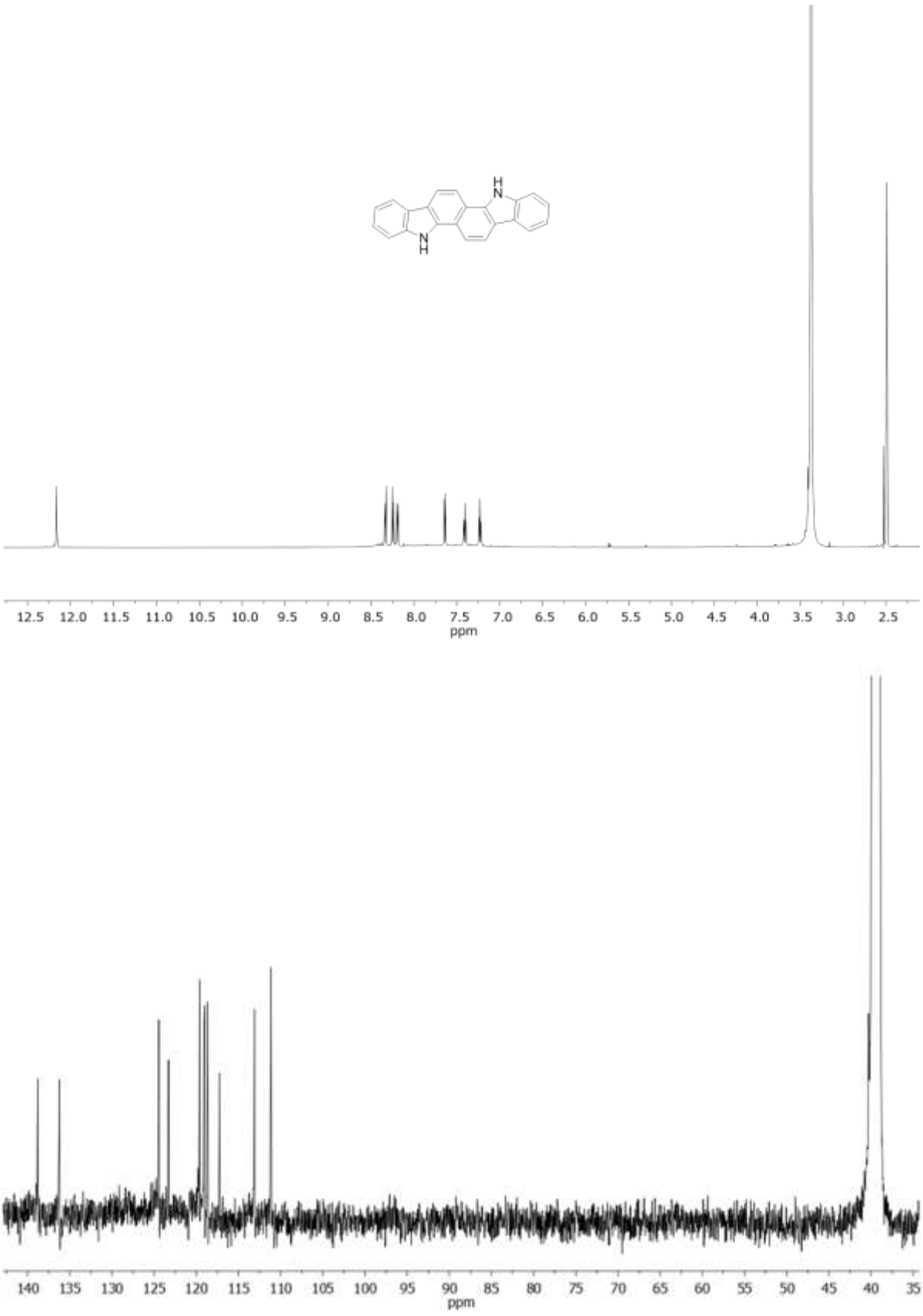

Figure S2. ^{1}H NMR and ^{13}C NMR spectra of compound **2**.

Thermal Characterization

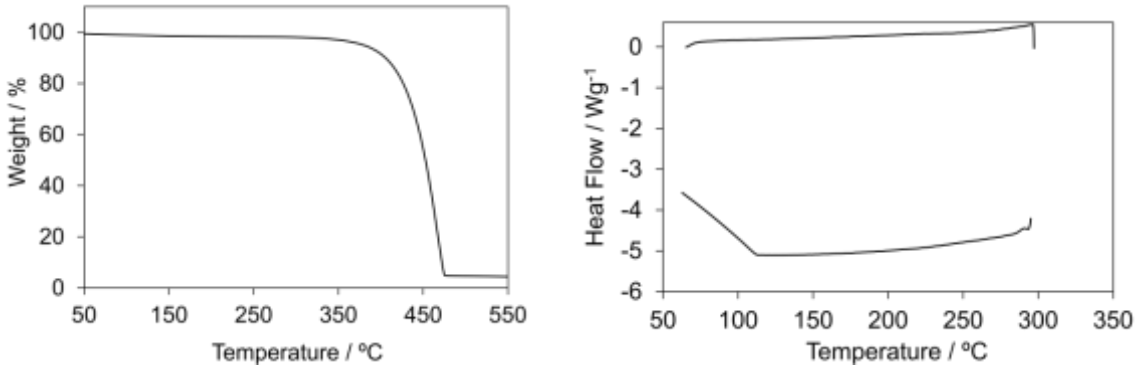

Figure S3. Thermogravimetric analysis (left) and differential scanning calorimetry (right) of compound **2**.

OFETs characterization

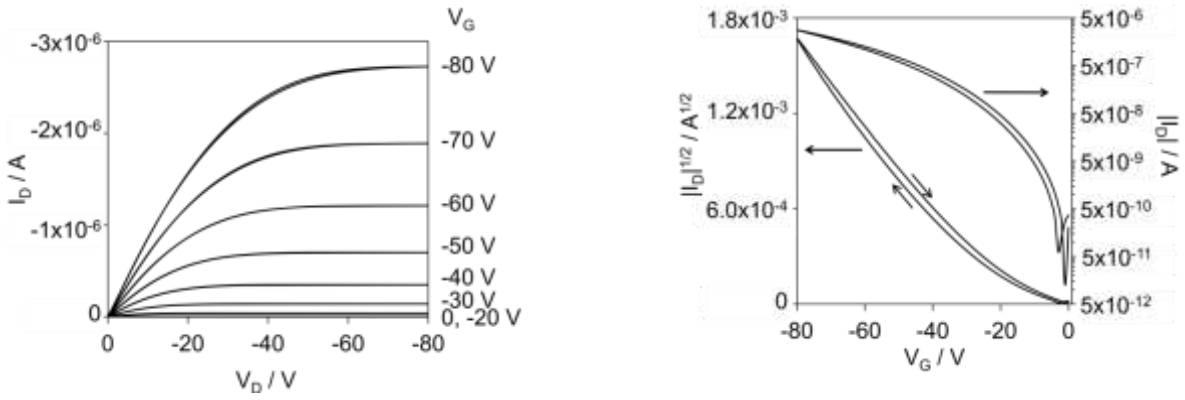

Figure S4. Output (left) and transfer characteristics for V_D=-80 V (right) of a thin film OFET (Si/SiO_2 (400 nm)/Parylene/**2**/F_4TCNQ/Au).

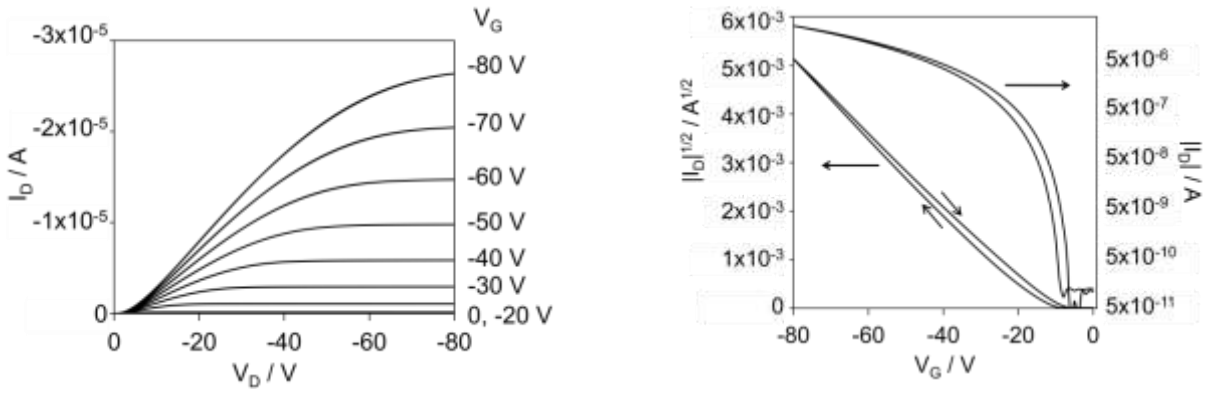

Figure S5. Output (left) and transfer characteristics for V_D=-80 V (right) of a single crystal OFET (Si/SiO_2 (300 nm)/Parylene/**2**/F_4TCNQ/Au).

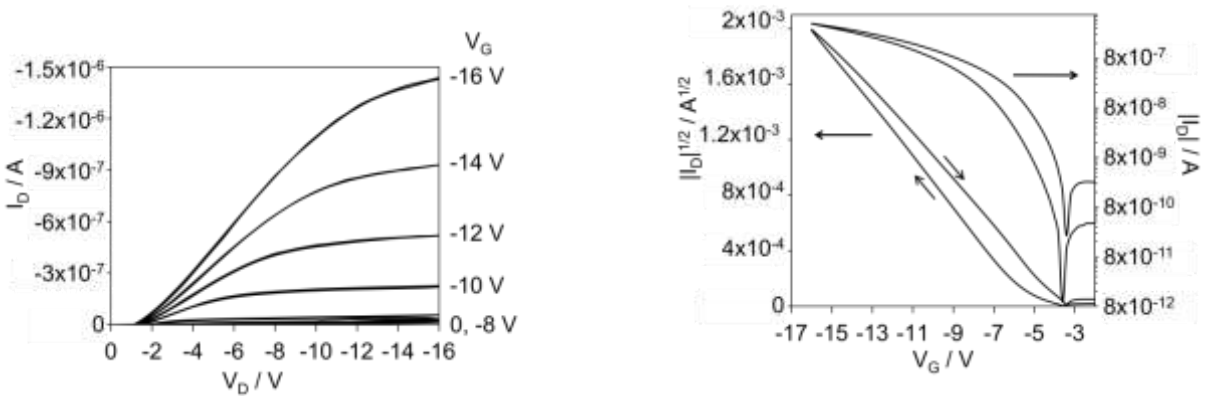

Figure S6. Output (left) and transfer characteristics for V_D=-16 V (right) of a single crystal OFET (Si/ZrO_2 (150 nm)/Parylene/**2**/F_4TCNQ/Au).