

**A colorimetric probe based on diketopyrrolopyrrole and *tert*-butyl
cyanoacetate for cyanide detection**

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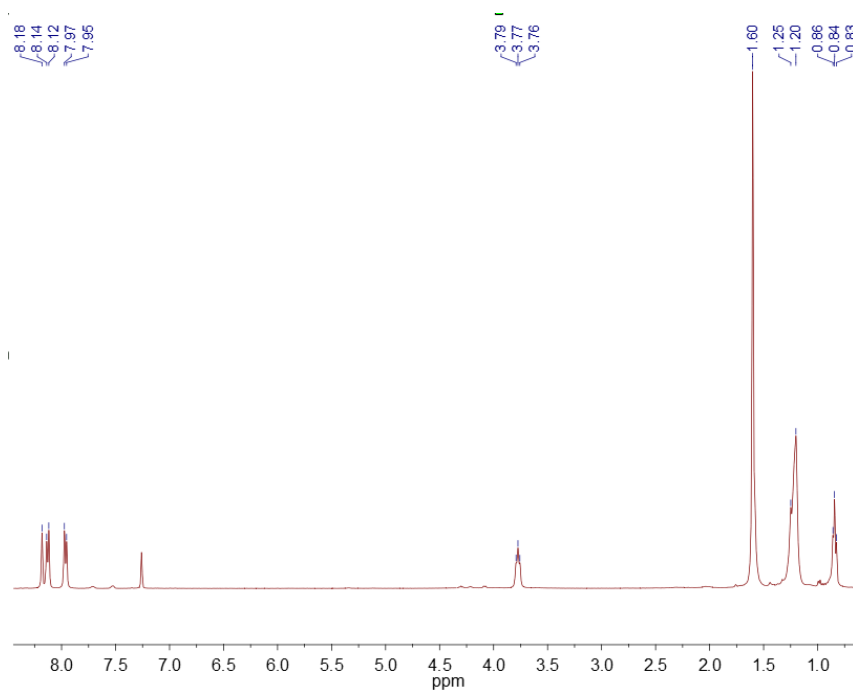


Fig. S1 ^1H NMR spectrum of **1** in CDCl_3 .

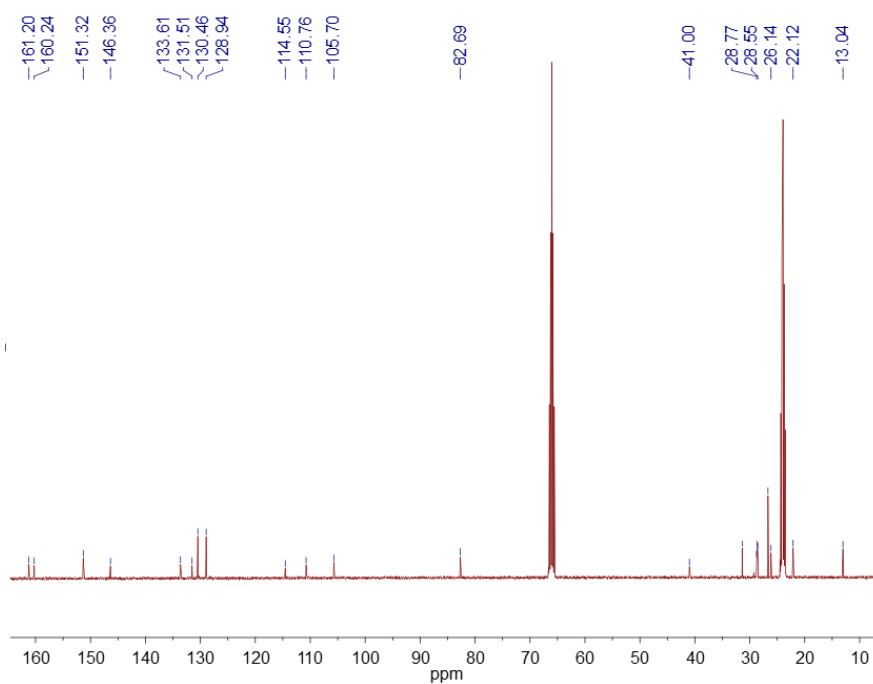


Fig. S2 ^{13}C NMR spectrum of **1** in CDCl_3 .

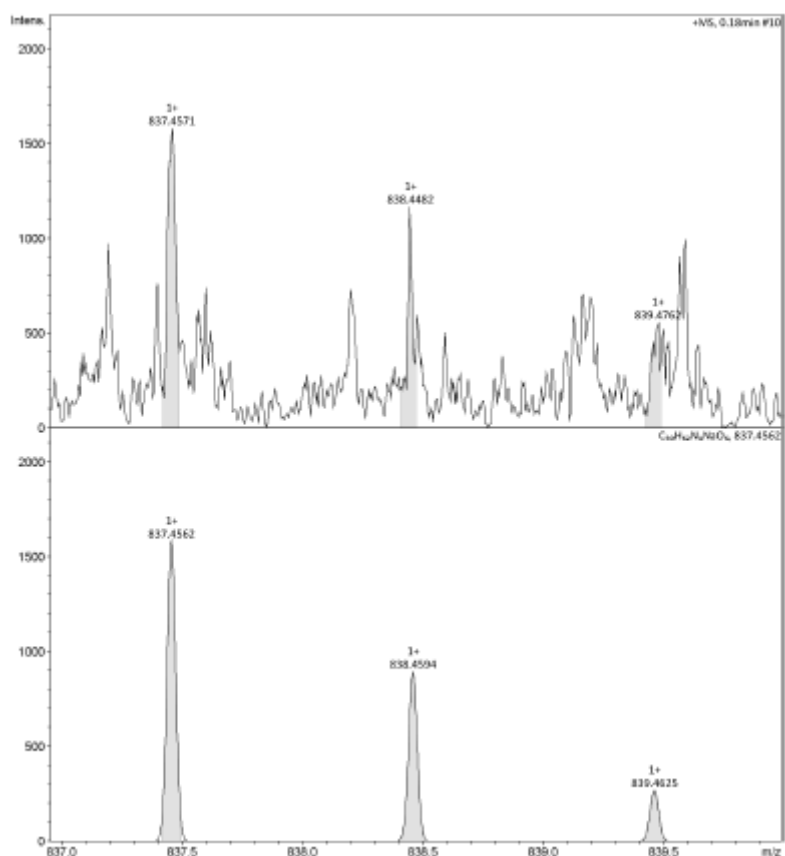


Fig. S3 HRMS spectrum of **1**.

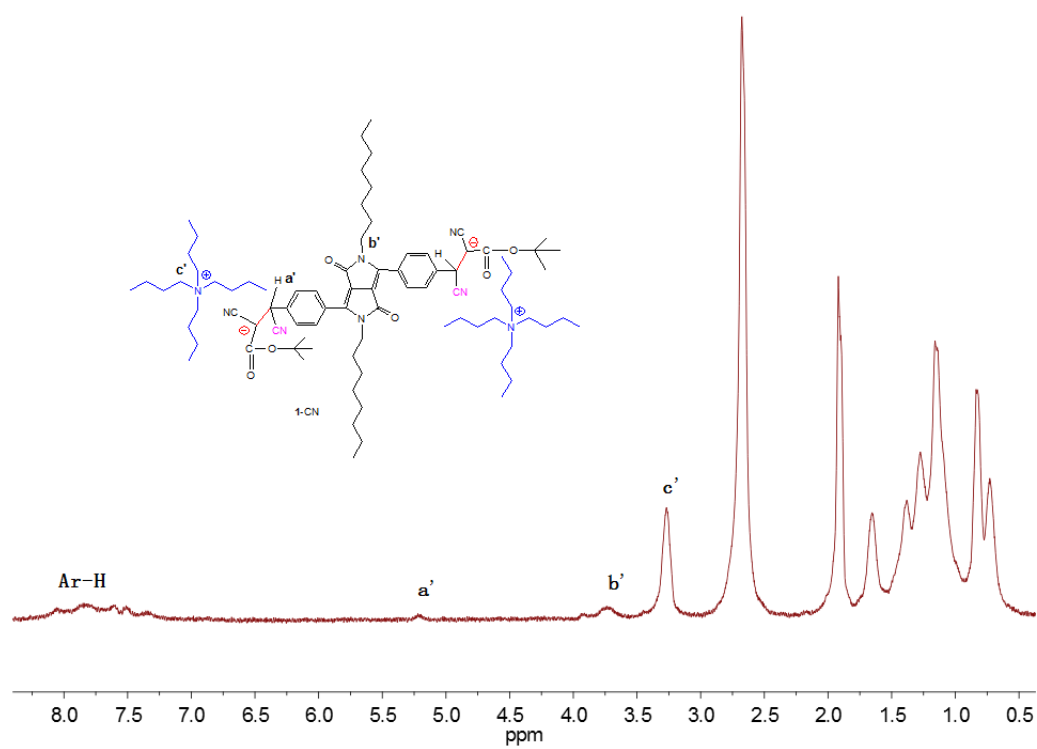


Fig. S4 1H NMR spectrum of **1-CN** in CD_3COCD_3 .

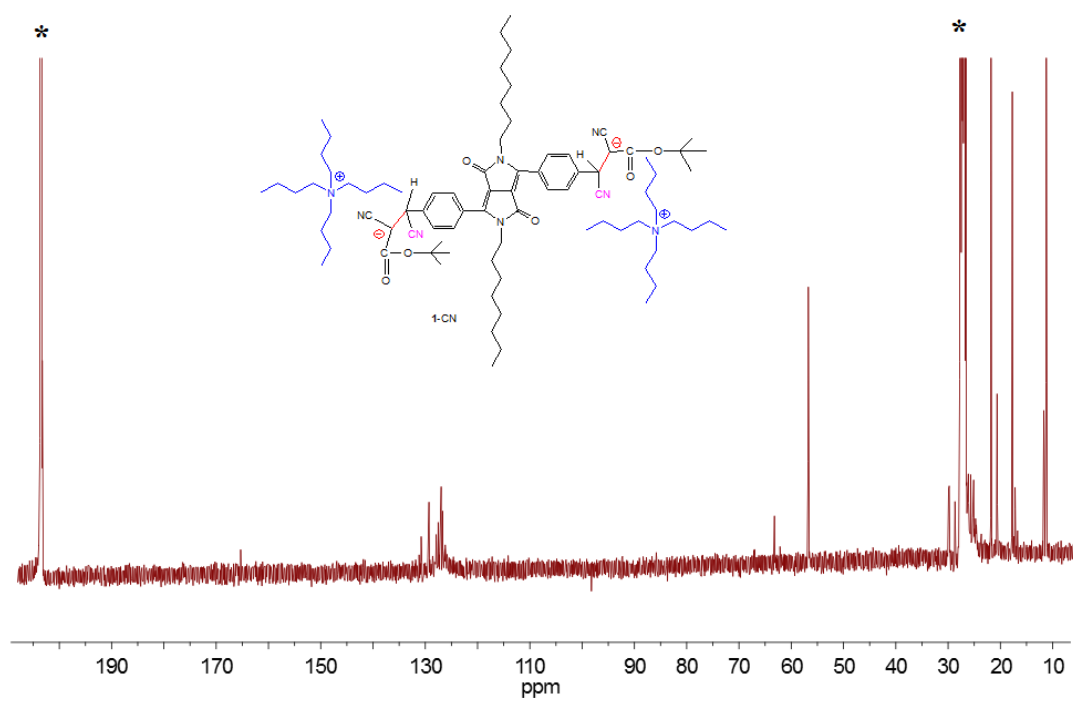


Fig. S5 ^{13}C NMR spectrum of **1-CN** in CD_3COCD_3 (asterisk (*) express residual deuterium solvent peak).

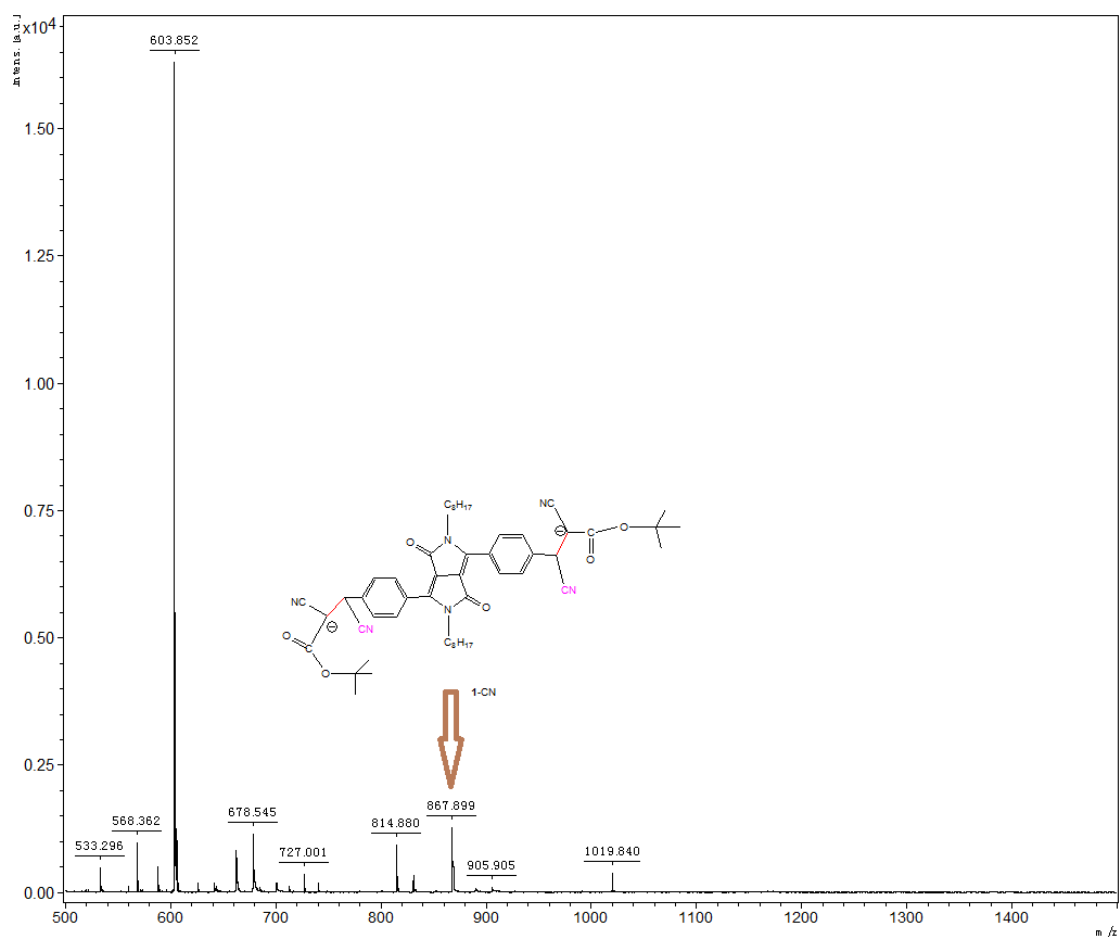


Fig. S6 MALDI-TOF-MS spectrum of **1-CN**.