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

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Fig. S1 $^1$H 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 $^1$H NMR spectrum of 1-CN in CD$_3$COCD$_3$.
**Fig. S5** $^{13}$C NMR spectrum of 1-CN in CD$_3$COCD$_3$ (asterisk (*) express residual deuterium solvent peak).
Fig. S6 MALDI-TOF-MS spectrum of 1-CN.