

**A new dibenzothiophene-based dual-channel chemosensor for
cyanide with Aggregation induced emission**

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Figure caption

Figure S1 The ^1H NMR of **DTB**.

Figure S2 The ^{13}C NMR of **DTB**.

Figure S3 The HRMS spectrum of **DTB**.

Figure S4 The FT-IR spectrum of **DTB**.

Figure S5 The UV-vis absorption spectrum of **DTB** (10 μM) in pure DMSO.

Figure S6 The HRMS spectrum of **DTB-CN $^-$** .

Figure S1

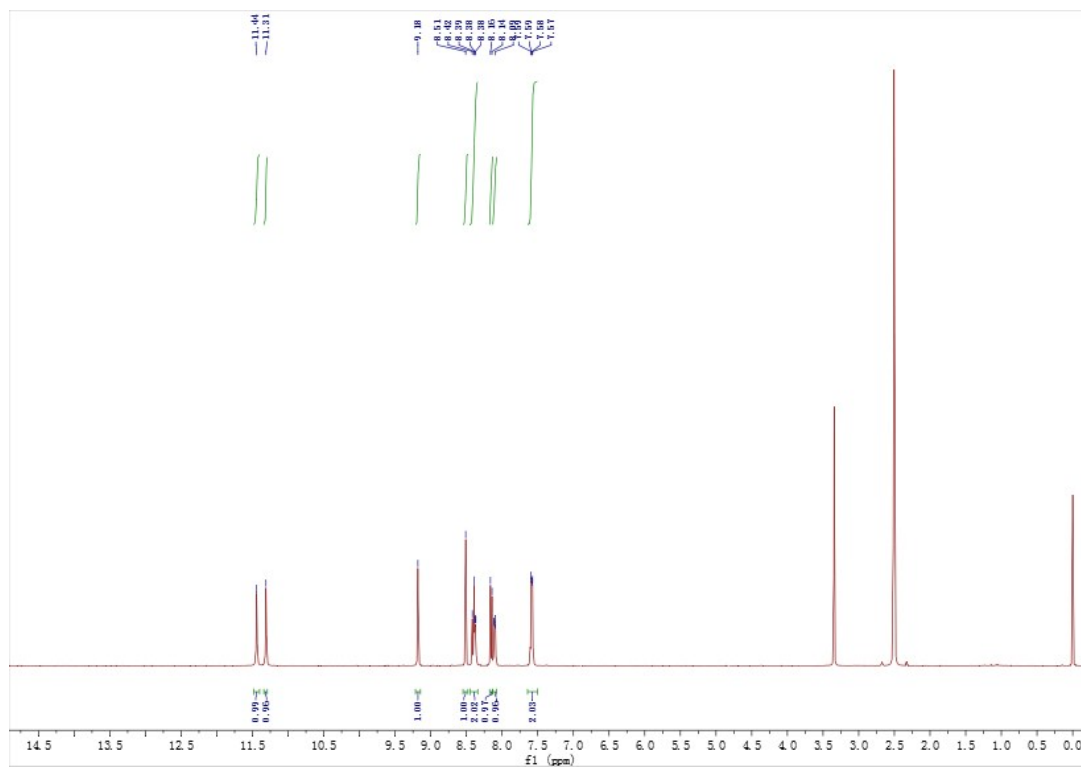


Figure S2

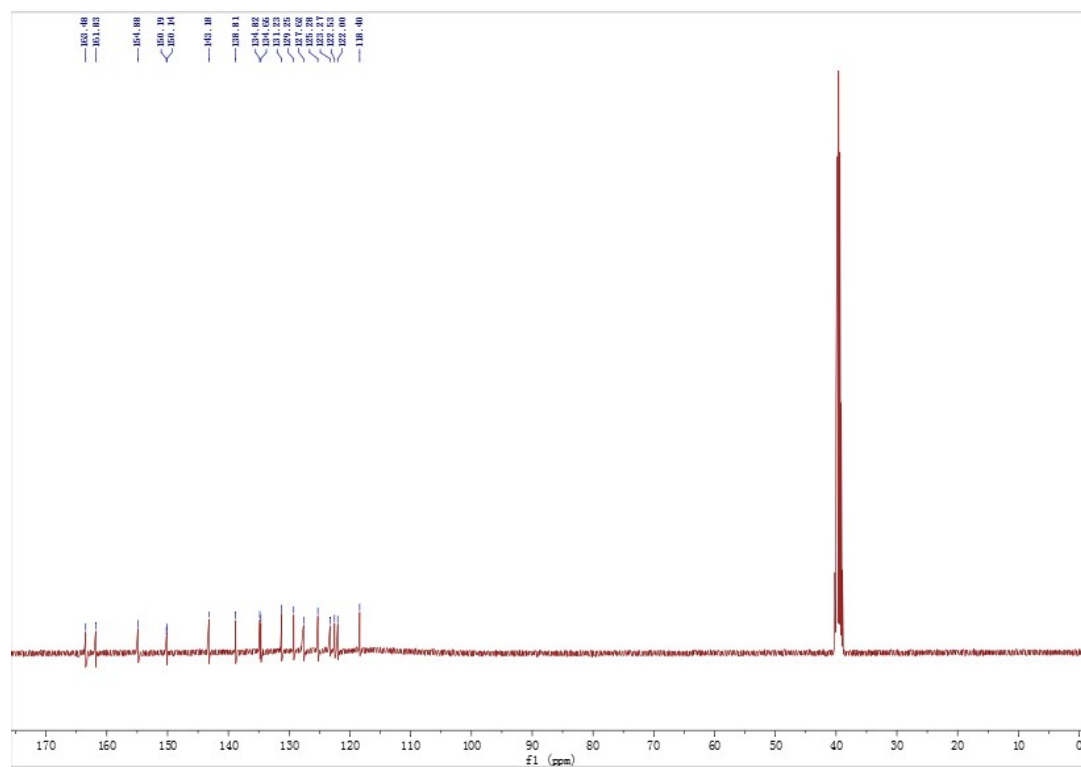


Figure S3

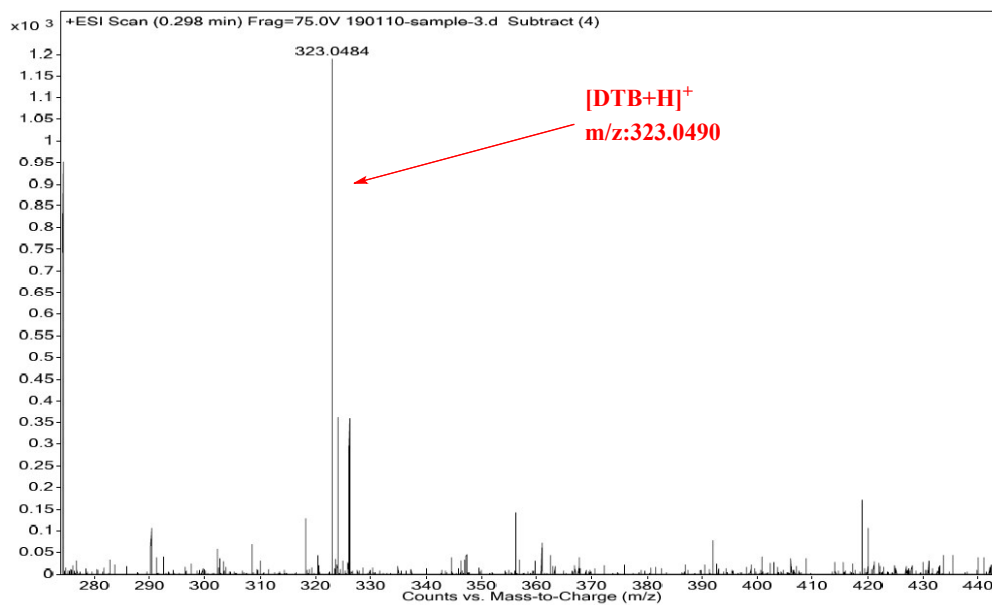


Figure S4

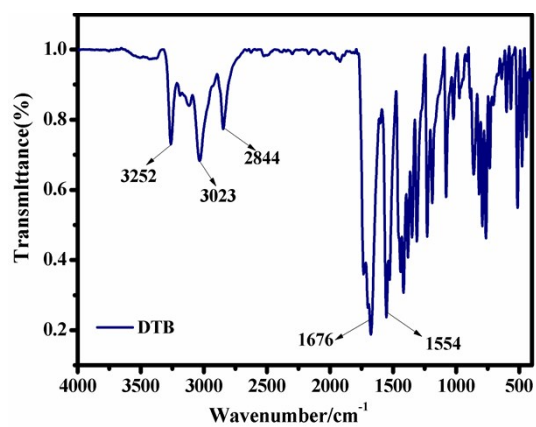


Figure S5

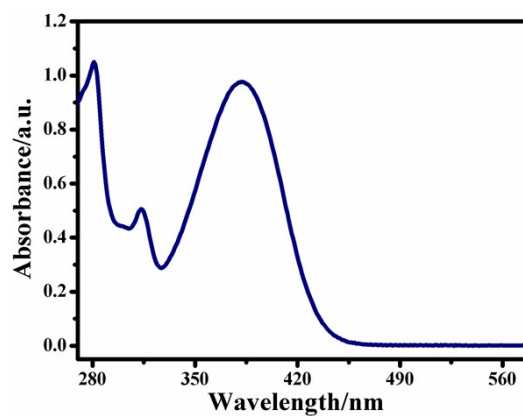


Figure S6

