

Supporting information for:

**A novel dual-functional fluorescent chemosensor for selective
detection of 2,4,6-trinitrotoluene and Hg²⁺**

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Figure S1 FT-IR spectra of R + Au/Tb-BTC and R/Au/Tb-BTC.

Figure S2 UV-vis spectra of R + Au/Tb-BTC and R/Au/Tb-BTC.

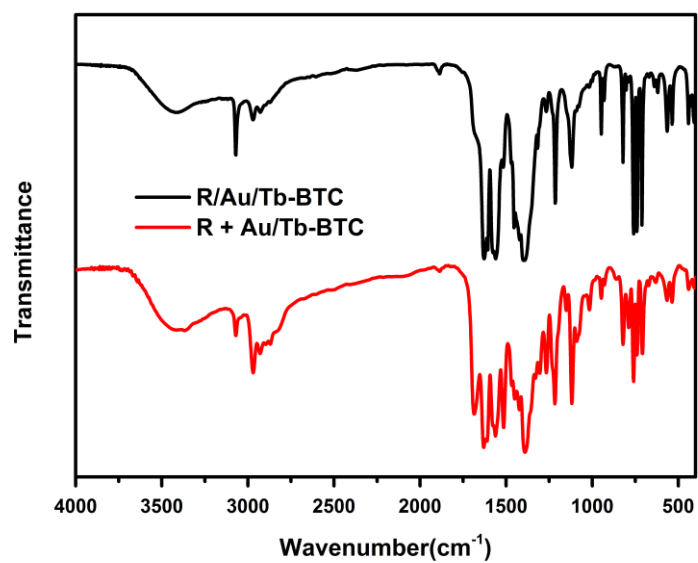


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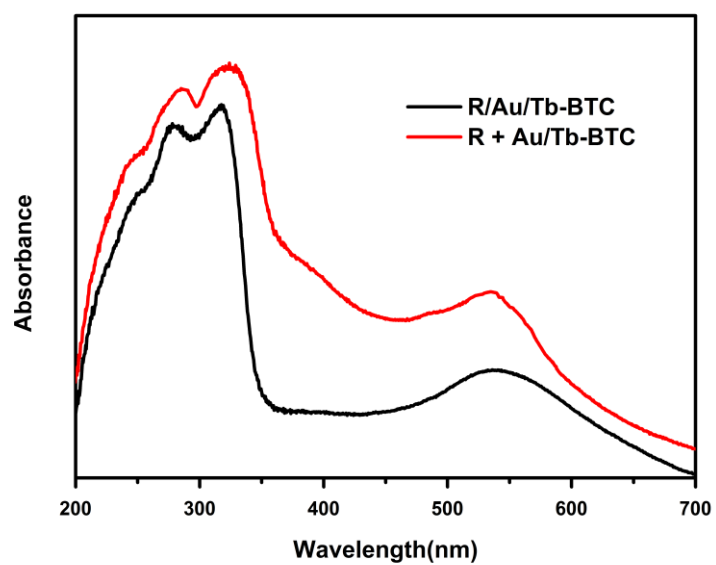


Figure S2 UV-vis spectra of R + Au/Tb-BTC and R/Au/Tb-BTC.