

## Electronic Supplementary Information

### A silica nanoparticle supported fluorescence ‘turn-on’ fluoride ion sensing system with tunable structure and sensitivity

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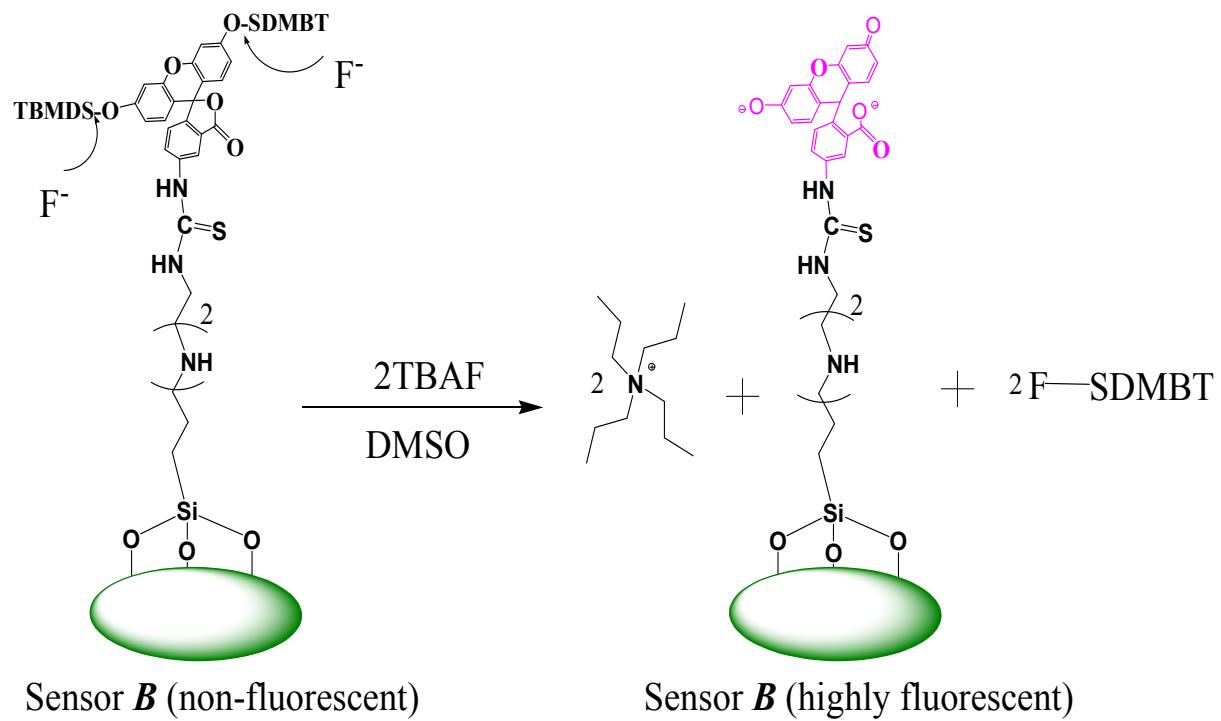
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**Fig. S1**

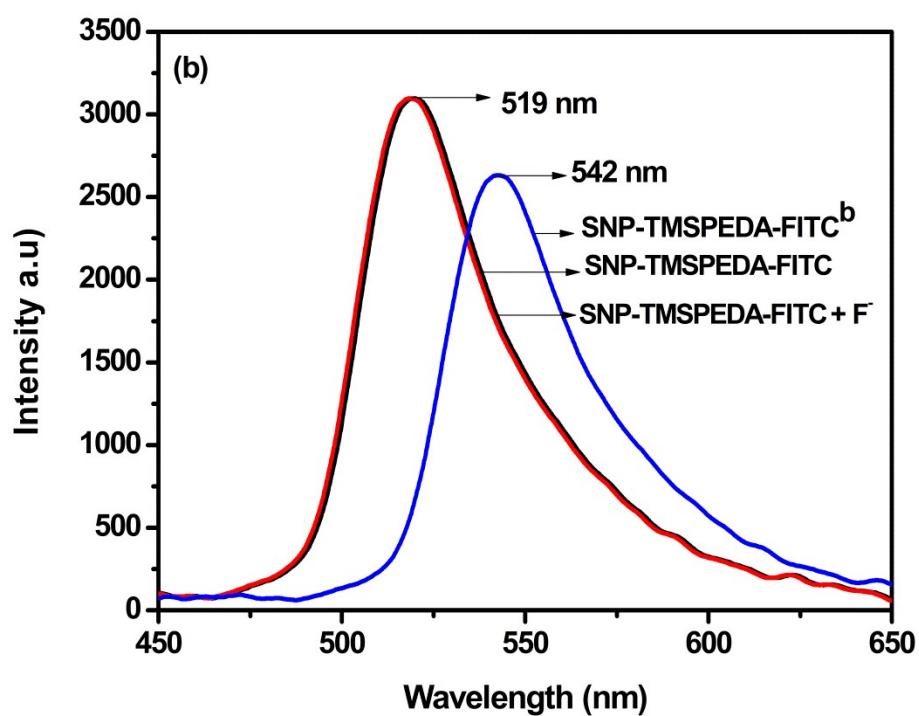
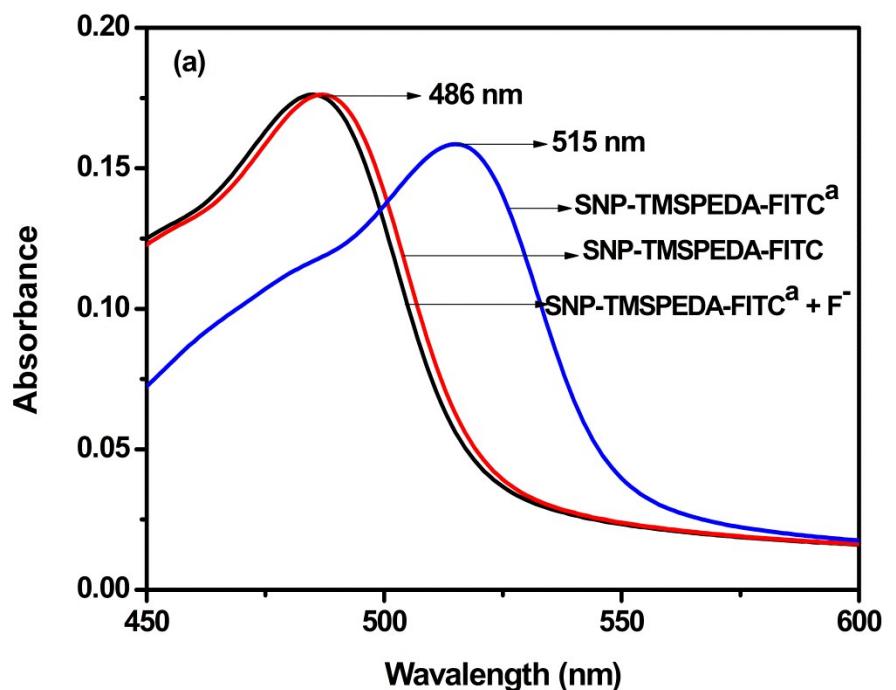


Fig. S2

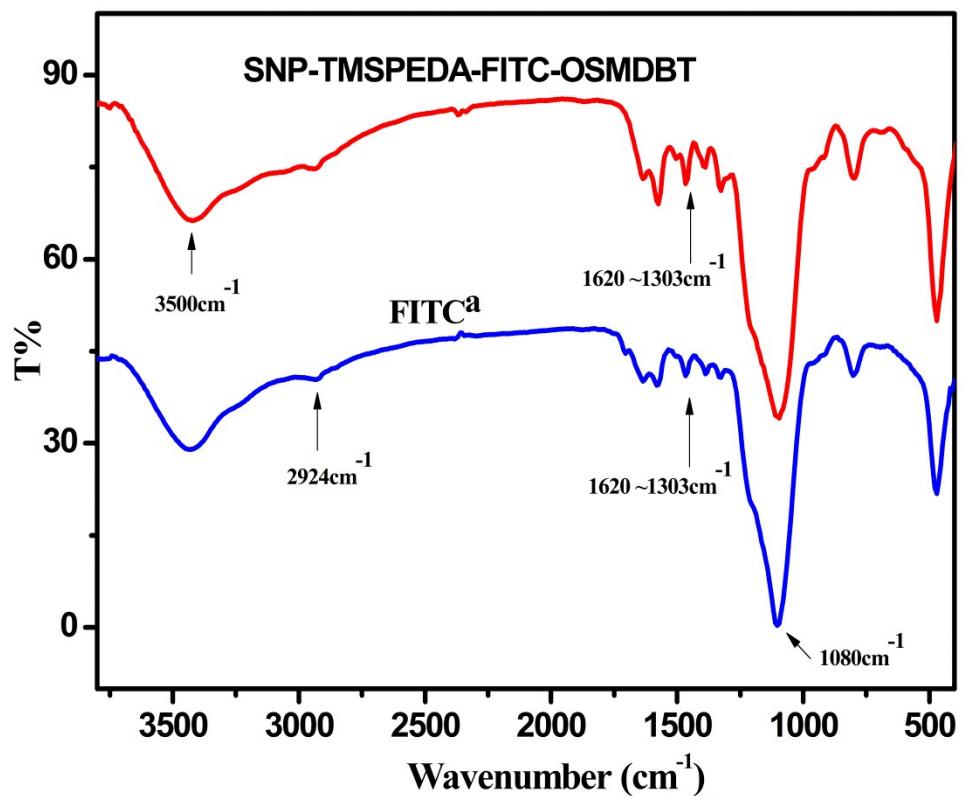


Fig. S3