

Electronic supplementary information

Vancomycin-Conjugated Polythiophene for the Detection and Imaging of Gram-Positive Bacteria

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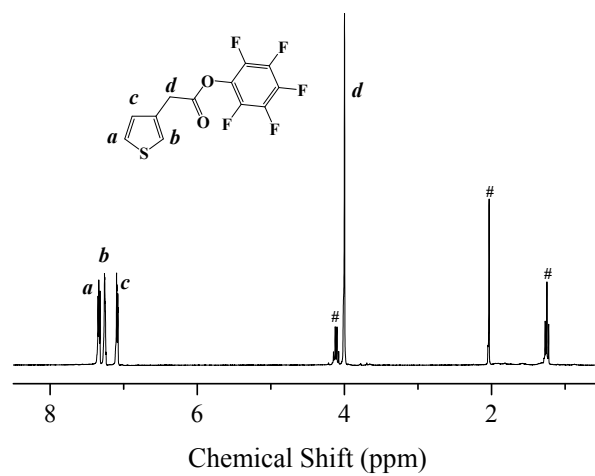


Figure S1. ^1H NMR spectrum of PFPTA in CDCl_3-d . (#: the chemical shifts of ethyl acetate)

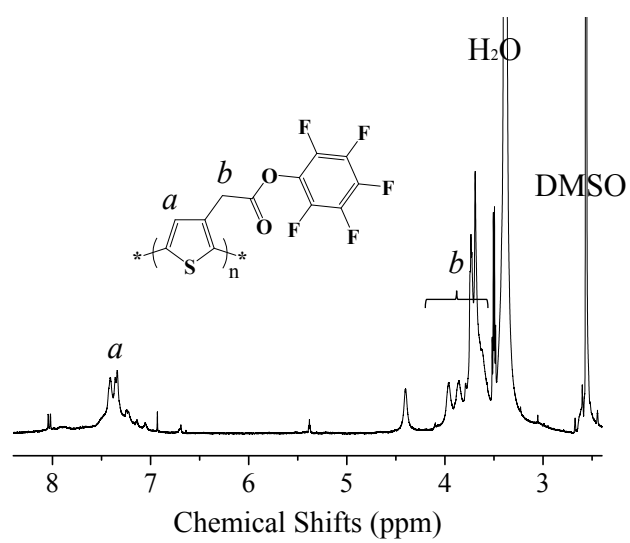


Figure S2. ^1H NMR spectrum of PPFPTA in $\text{DMSO}-d_6$.

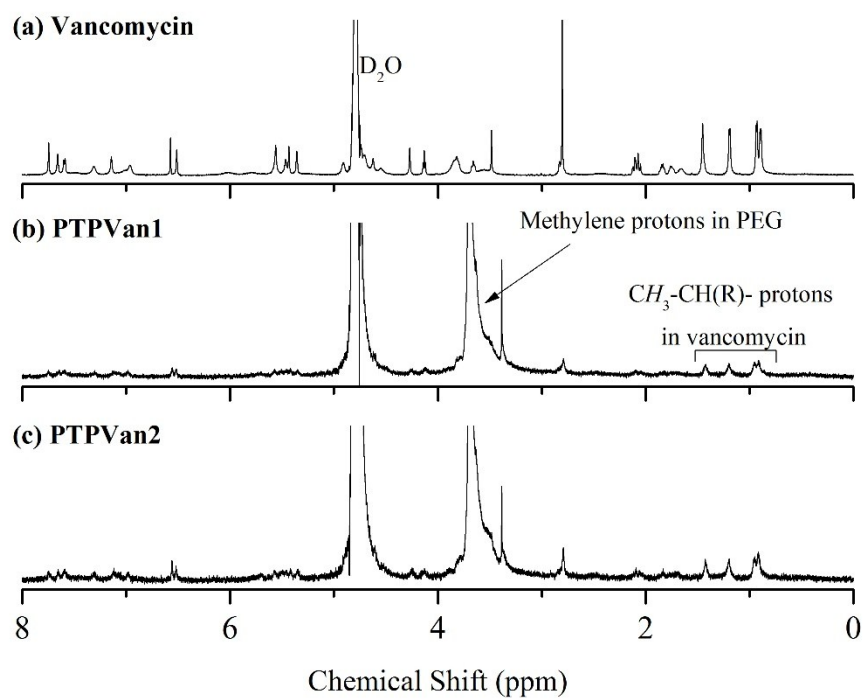


Figure S3. ¹H NMR spectra of (a) vancomycin hydrochloride, (b) PTPVan1 and (c) PTPVan2 in D₂O.

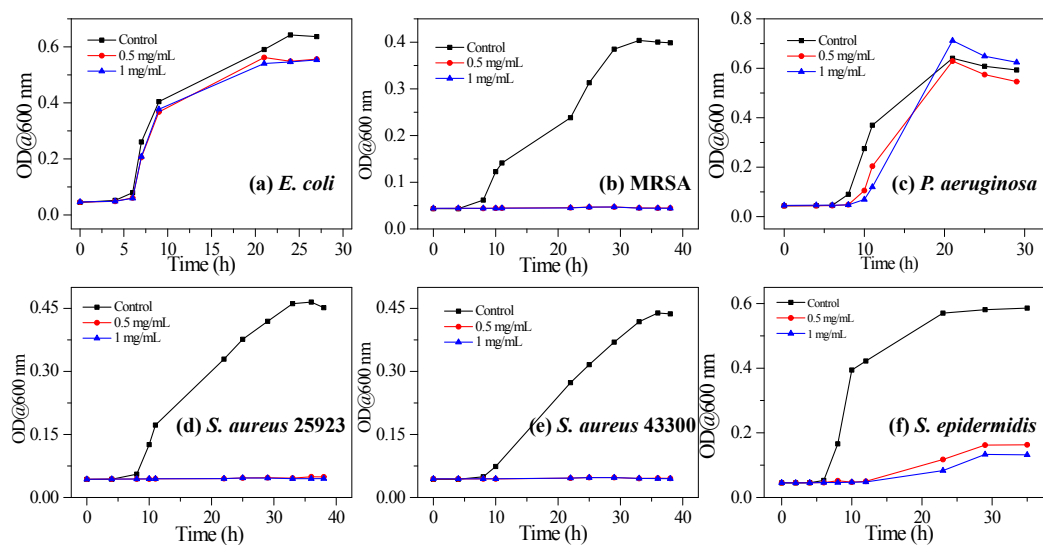


Figure S4. Growth curves of (a) *E. coli*, (b) MRSA, (c) *P. aeruginosa*, (d) *S. aureus* 25923, (e) *S. aureus* 43300 and (f) *S. epidermidis* treated with different concentrations (0.5 and 1 mg/mL) of PTPVan2.