Supporting Information

Synthesis and antimicrobial evaluation of γ-borono phosphonate compounds in *Escherichia coli* and *Mycobacterium smegmatis*

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Figure S1. ¹H-NMR spectra for compound 3



Figure S2. ¹³C-NMR spectra for compound 3



Figure S3. ¹H-NMR spectra for compound 5



Figure S4. ¹³C-NMR spectra for compound 5



Figure S5. qNMR compound 5, internal standard DMSO₂. Purity 95%.



Figure S6. ¹H-NMR spectra for compound 6



Figure S7. ¹³C-NMR spectra for compound 6



Figure S8. qNMR compound 6, internal standard DMSO₂. Purity 98%.



Figure S9. ¹H-NMR spectra for compound 4



Figure S10. ¹³C-NMR spectra for compound 4



Figure S11. qNMR compound 4, internal standard DMSO₂. Purity 95.3%



Figure S12. ³¹P-NMR spectra for compound 4



Figure S13. ¹¹B-NMR spectra for compound 4



Figure S14. COSY NMR for compound 4



Figure S15. HSQC for compound 4



Figure S16. ¹H-NMR spectra for compound 7



Figure S17. ¹³C-NMR spectra for compound 7



Figure S18. qNMR compound 7, internal standard DMSO₂. Purity 98%

IPP chemical rescue of *E. coli* growth inhibition for compound 6



Figure S19. IPP chemical rescue of *E. coli* growth inhibition when treated with compound **6**. A) and B) *E. coli* WT and *E. coli* Δ GlpT were treated with different concentrations of **6** for 18 h with and without the addition of 125 μ M IPP in LB media. (n = 3).