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## Tetrazole conjoined organosilane and organosilatrane via "click approach": Potent Mycobacterium tuberculosis Enoyl- ACP reductase inhibitor and a dual sensor for Fe(III) and Cu(II) ions

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<sup>1</sup>H NMR spectrum of compound 1



Fig.S1. <sup>1</sup>H NMR spectrum of compound 1

<sup>1</sup>H NMR spectrum of compound 2



**Fig.S2.** <sup>1</sup>H NMR spectrum of compound 2

<sup>1</sup>H NMR spectrum of compound 3



Fig.S3. <sup>1</sup>H NMR spectrum of compound 3

<sup>13</sup>C NMR spectrum of compound 1



Fig.S4. <sup>13</sup>C NMR spectrum of compound 1

<sup>13</sup>C NMR spectrum of compound 2



**Fig.S5.** <sup>13</sup>C NMR spectrum of compound 2

<sup>13</sup>C NMR spectrum of compound 3



**Fig.S6.** <sup>13</sup>C NMR spectrum of compound 3

IR spectrum of compound 1



Fig.S7. IR spectrum of compound 1

IR spectrum of compound 2



Fig.S8. IR spectrum of compound 2

IR spectrum of compound 3



Fig.S9. IR spectrum of compound 3

Mass spectrum of compound 1



Fig.S10. Mass spectrum of compound 1

Mass spectrum of compound 2



Fig.S11. Mass spectrum of compound 2

Mass spectrum of compound 3



Fig.S12. Mass spectrum of compound 3

IR spectrum of compound 3-Fe(III) complex



Fig.S13. IR spectrum of compound 3-Fe(III) complex



**Fig.S14.** Three dimensional representation of intermolecular interaction in complex (compound 3/InhA)