SUPPLEMENTARY MATERIAL TO

**Synthesis, Characterization and Antimicrobial Activity of Benzofuran and Thiophene Substituted Novel Diketoxime Derivatives**

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(a)

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(b)

**Figure S1:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 1

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(a)

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(b)

**Figure S2:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 2

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(a)

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(b)

**Figure S3:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 3

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(a)

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(b)

**Figure S4:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 4a

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(a)

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(b)

**Figure S5:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 4b

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(a)

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(b)

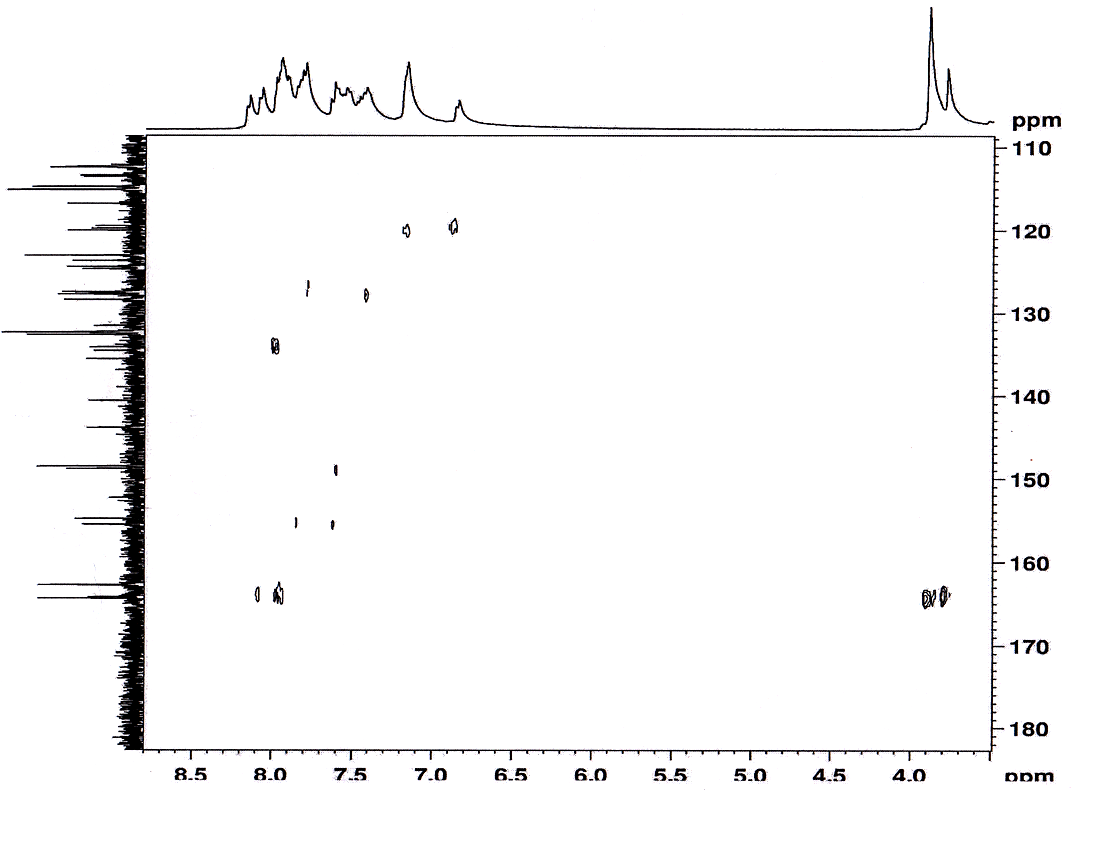
**Figure S6:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 4c

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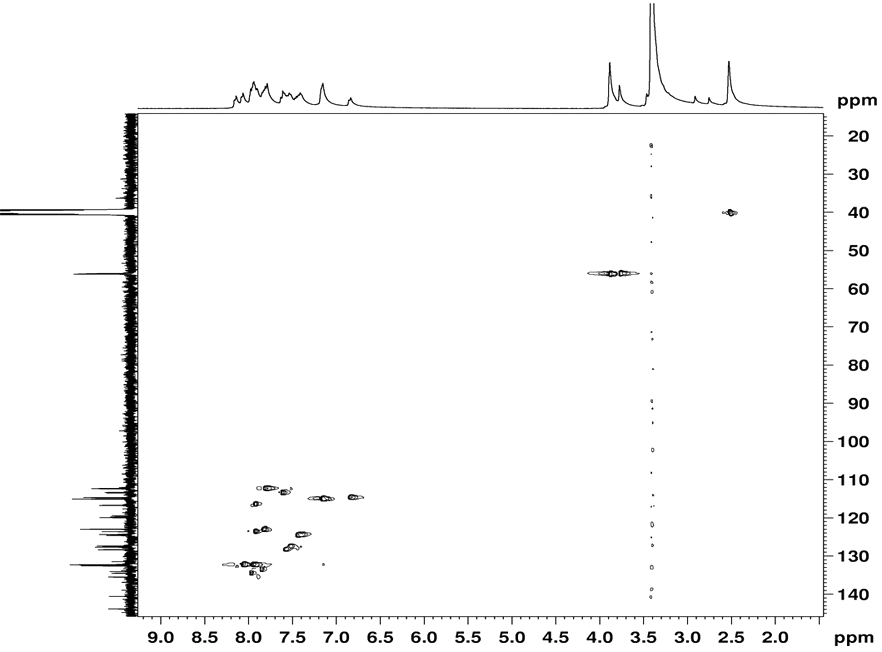
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(b)

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(c)



(d)

**Figure S7:** (a) 1H-NMR, (b) 13C-NMR, (c) HMBC and (d) HSQC spectra of compound 4d

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(a)

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(b)

**Figure S8:** (a) 1H-NMR and (b) 13C-NMR spectra of compound 4e