

Supplementary materials:

Curcumin analogues with aldose reductase inhibitory activity: synthesis, biological evaluation, and molecular docking

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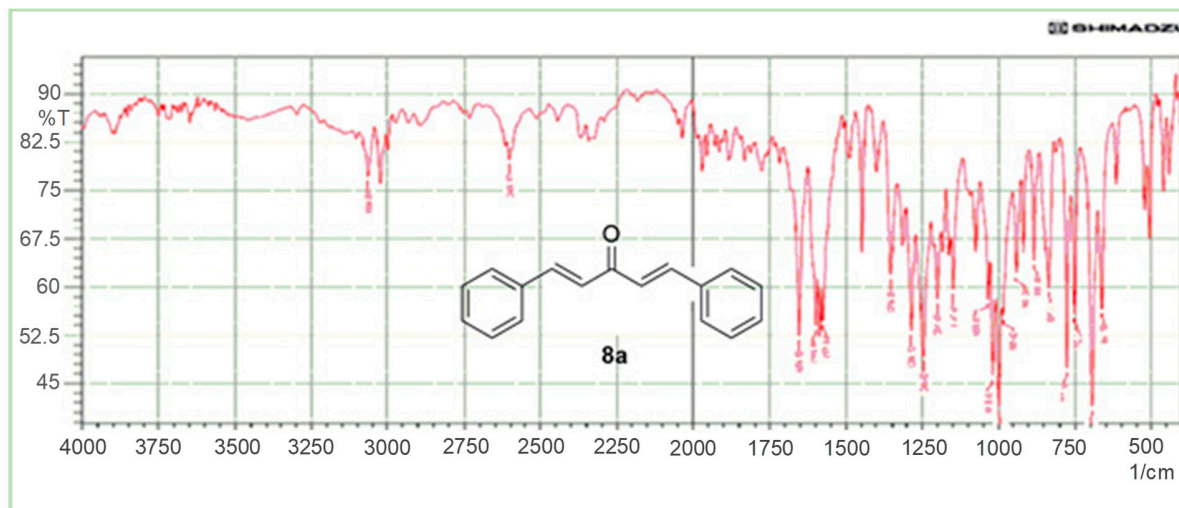
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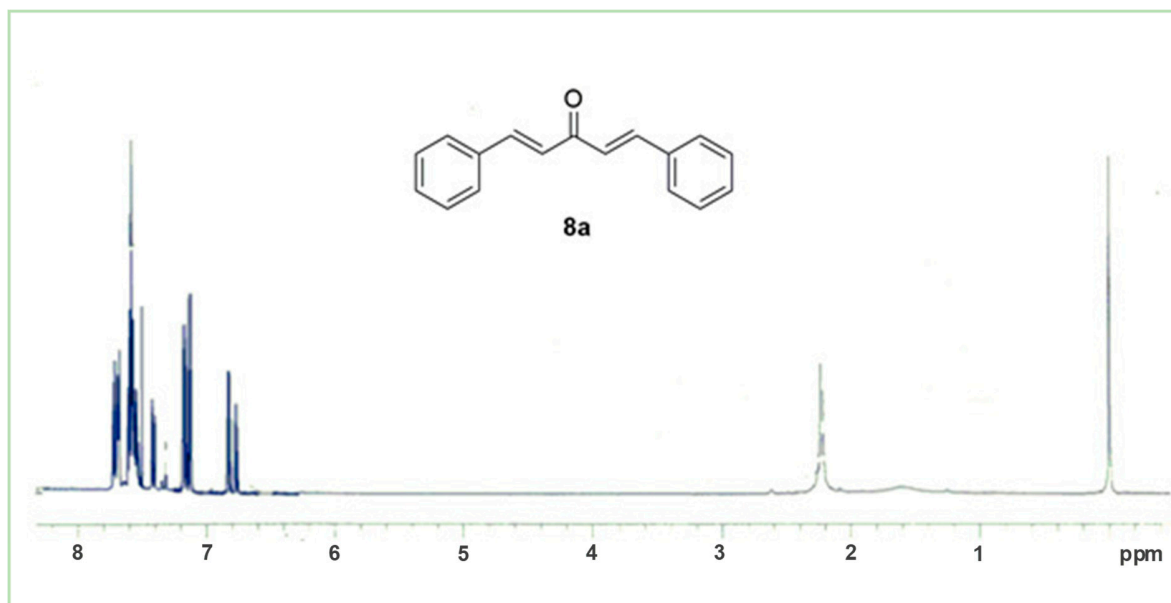
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Scanned ^1H NMR and IR spectral data of important synthesized compounds:

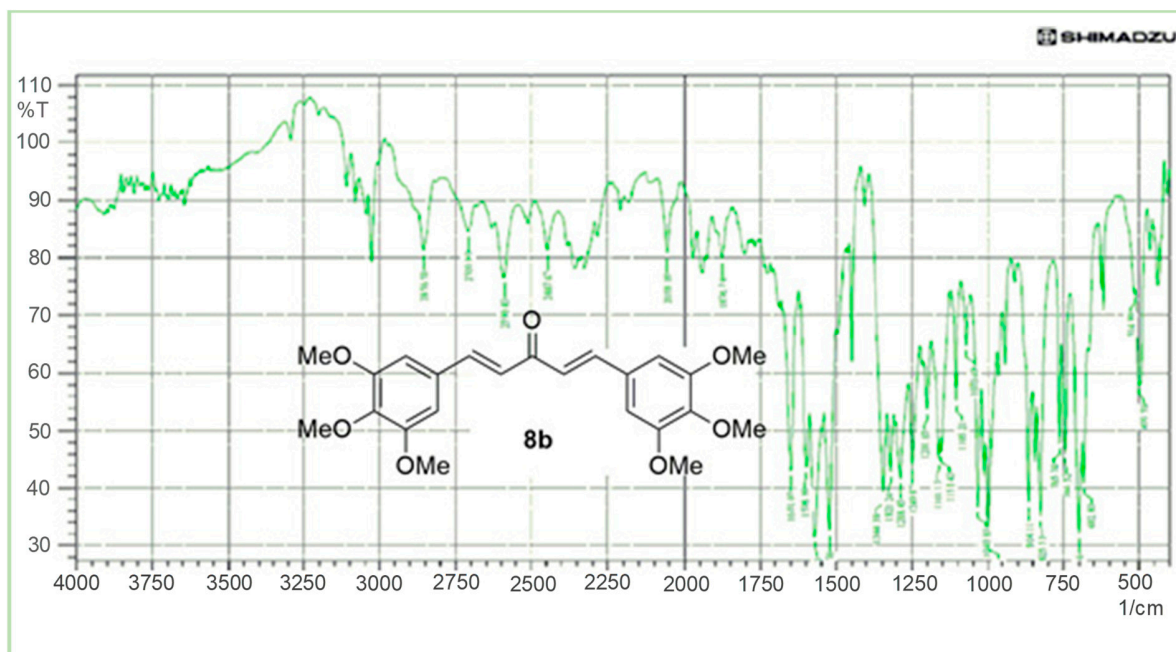
IR Spectrum of compound 8a



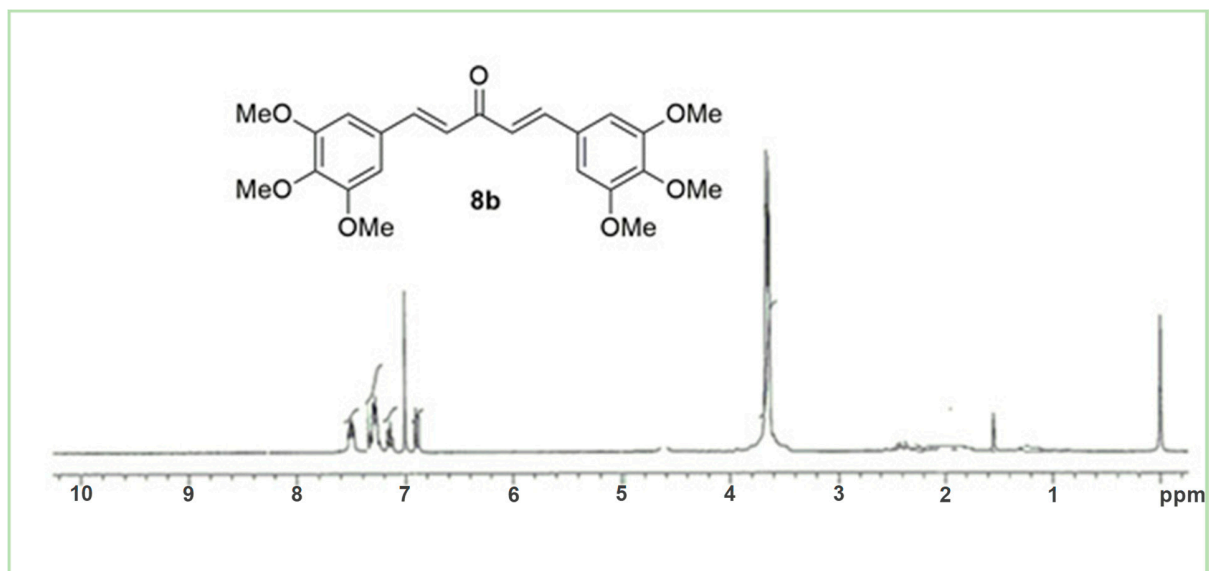
^1H NMR Spectrum of compound 8a



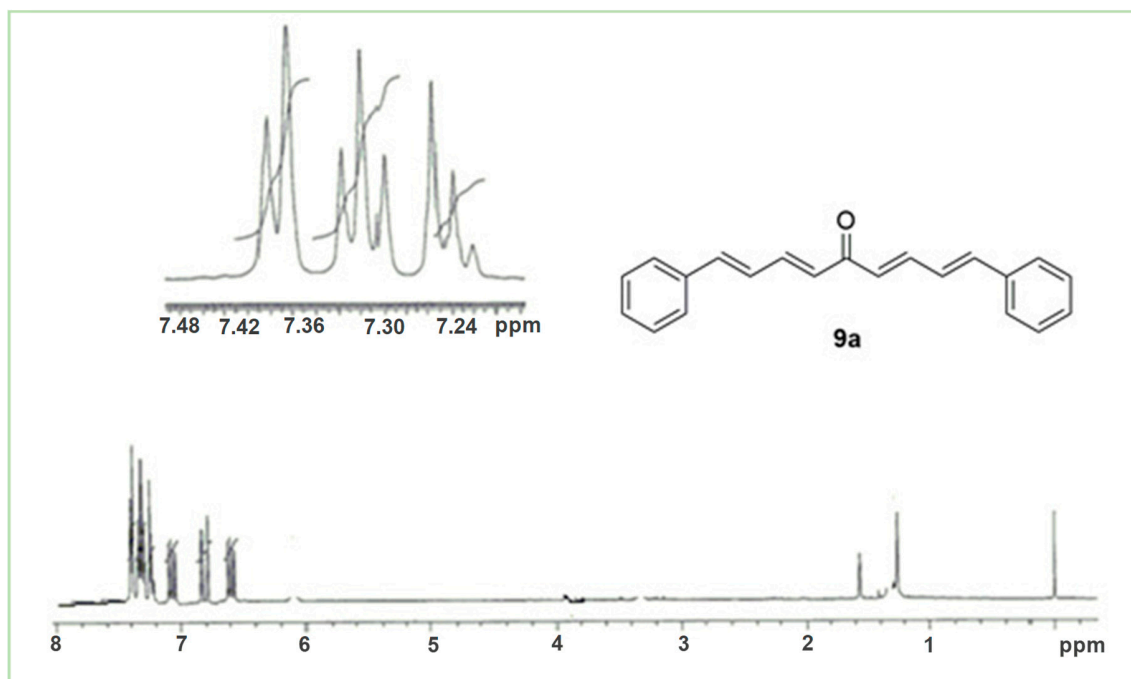
IR Spectrum of compound 8b



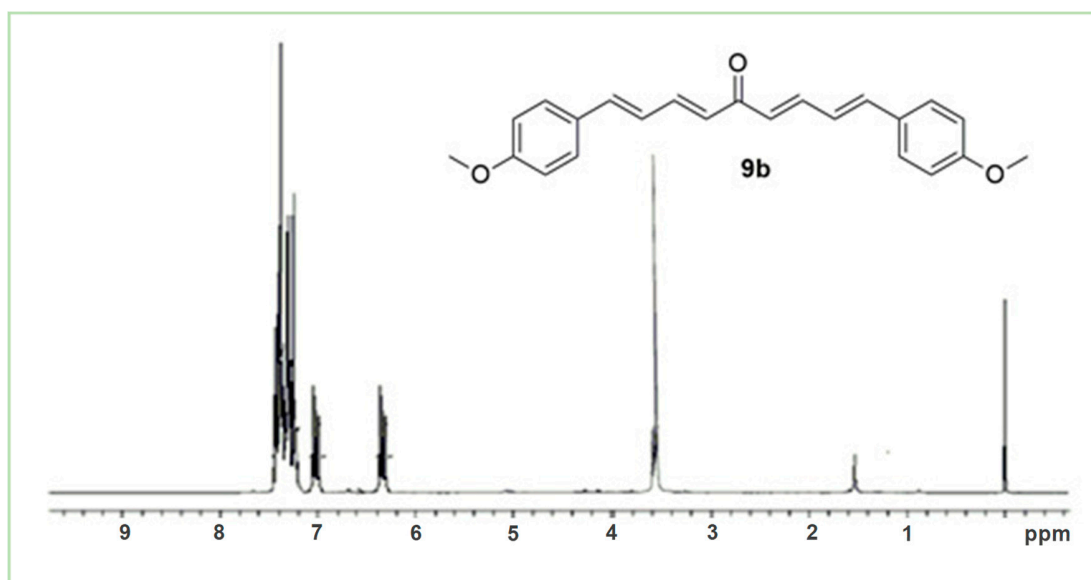
¹HNMR Spectrum of compound 8b



¹HNMR Spectrum of compound 9a



¹HNMR Spectrum of compound 9b



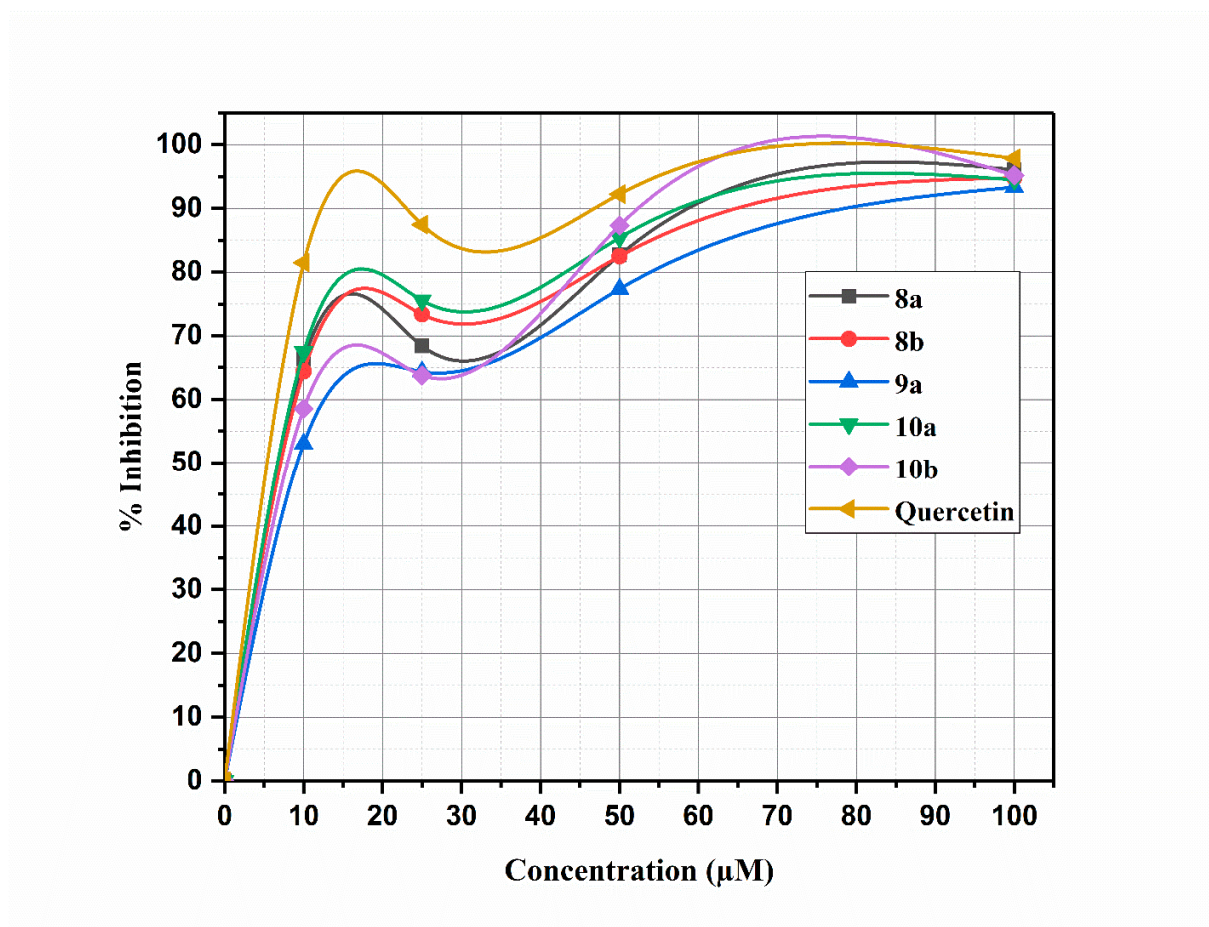


Figure S1: Dose response plot for compounds **8a**, **8b**, **9a**, **10a** and **10b** with standard quercetin.