

Supplementary Materials

Synthesis and Antiplasmodial Activity of Novel Bioinspired Imidazolidinedione Derivatives

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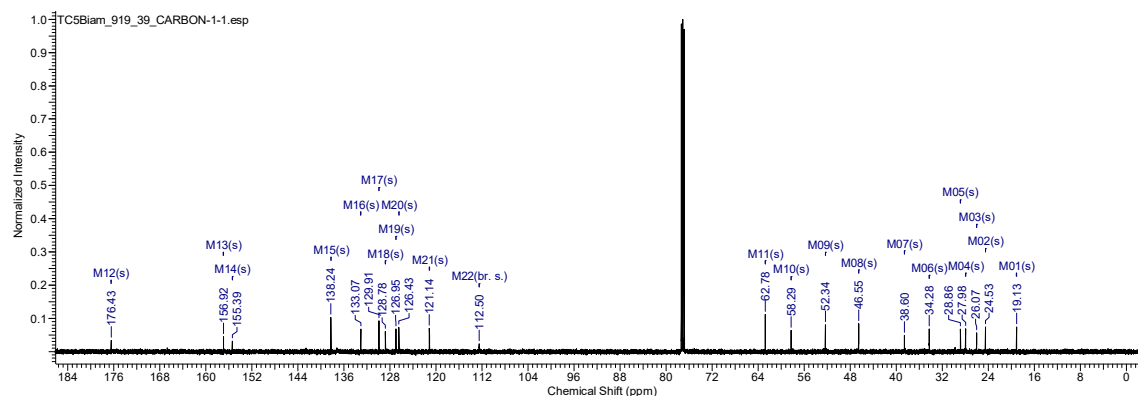
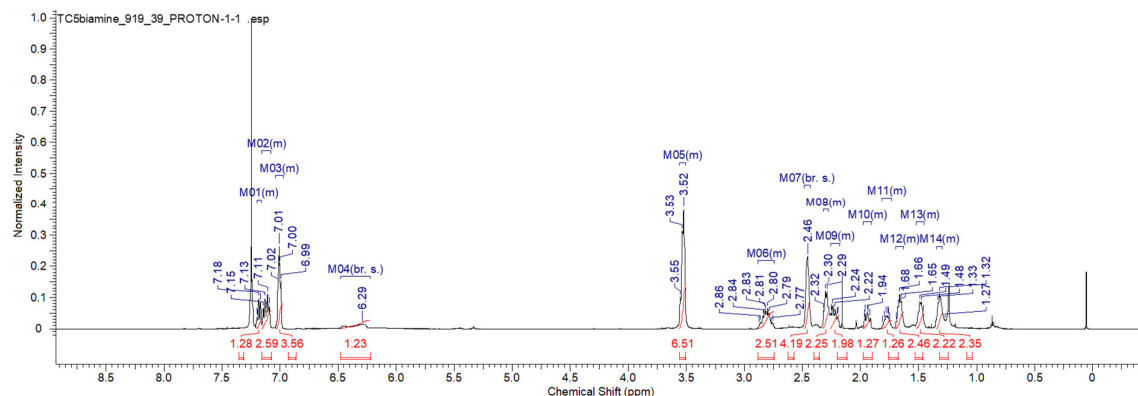
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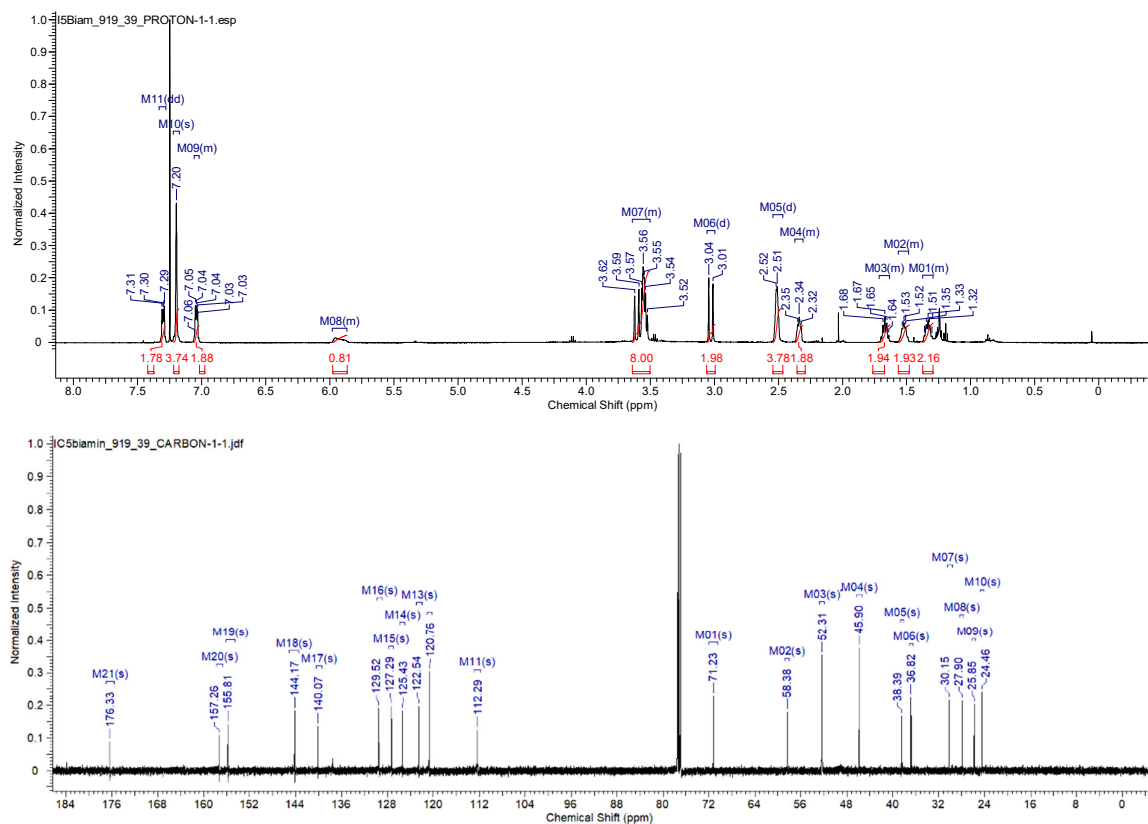
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Herein, we presented proton and carbon nuclear magnetic resonance (¹H and ¹³C NMR) spectra for compounds (5), (6), (7) and (8).

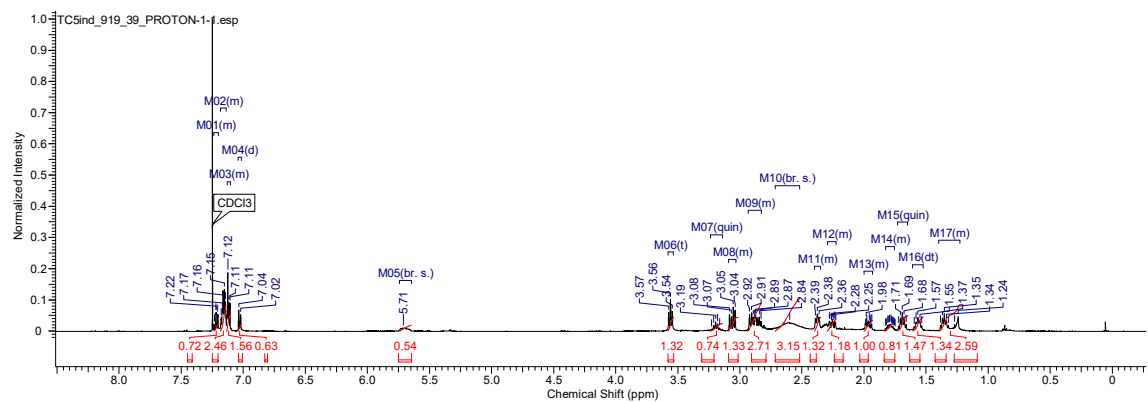
Compound 5

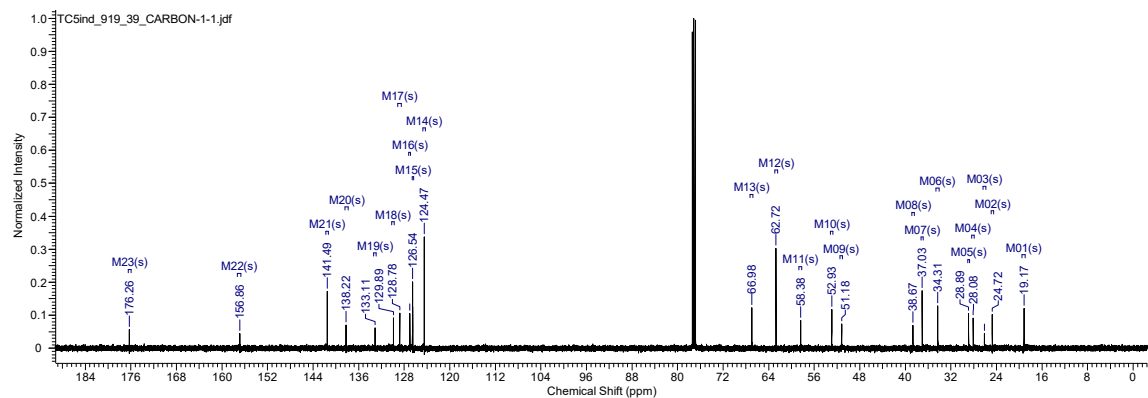


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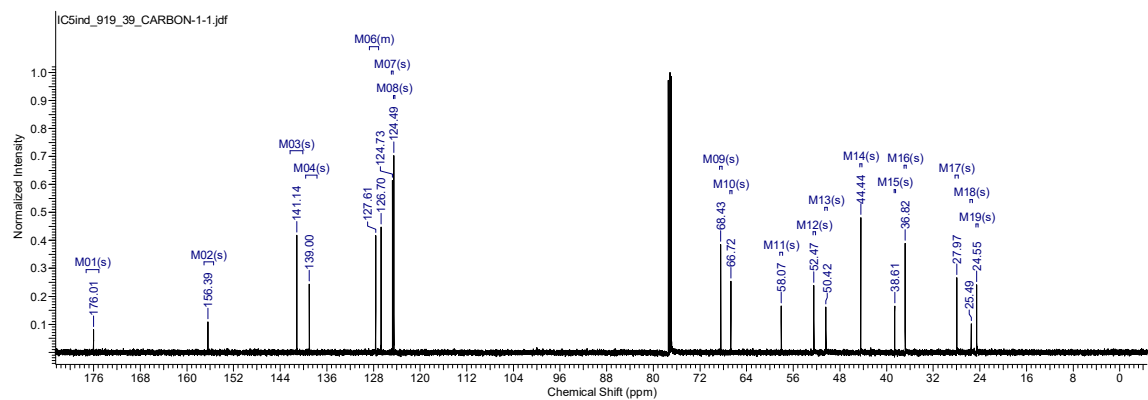
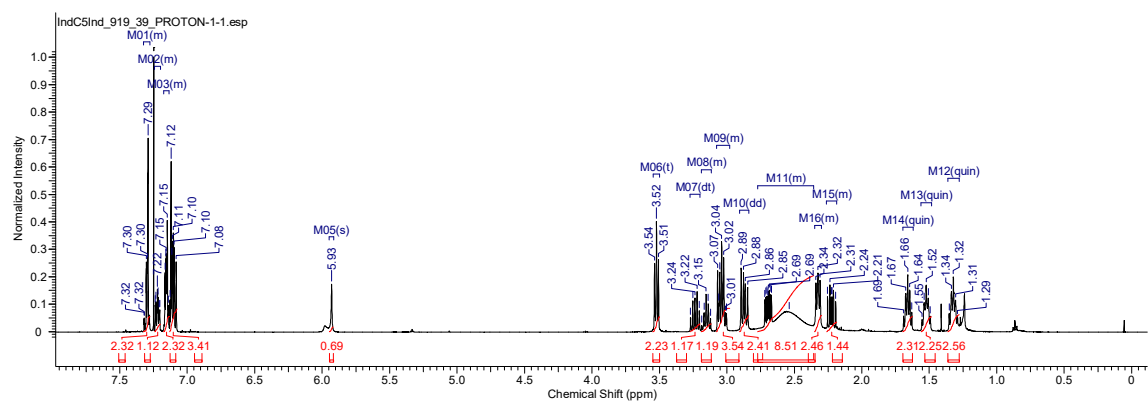


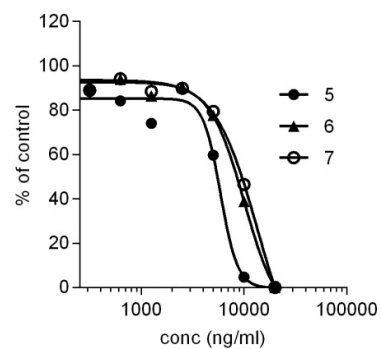
Compound 7



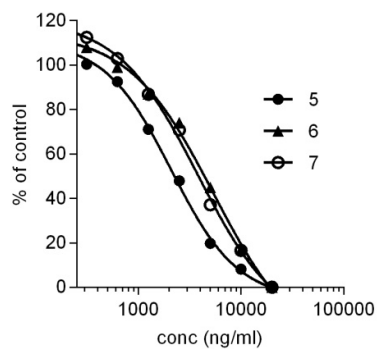


Compound 8





A



B

Dose response activity of compounds (5), (6) and (7) against the *P. falciparum* chloroquine-sensitive strain D10 (panel A) and chloroquine-resistant strain W2 (panel B). The results are expressed as % of parasite growth with respect to the control, in the presence of increasing concentrations of the molecules. This is a representative experiment of at least three independent experiments each involving duplicate sample measurements.