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Synthesis, characterization, molecular docking and *in vitro* antimalarial properties of new carboxamides bearing sulphonamide

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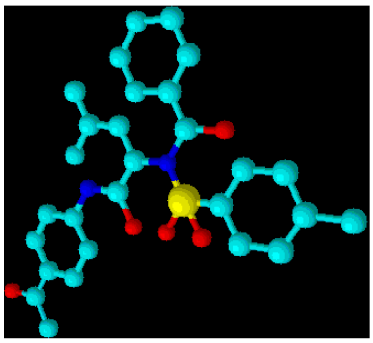
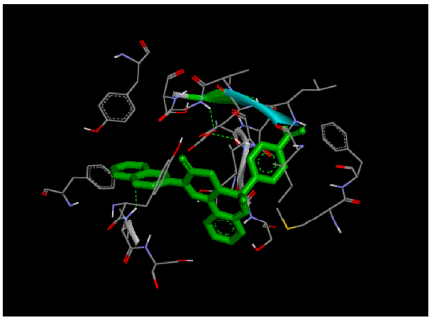
MIC values (antimalarial) **7c: 0.03 uM and 7k: 0.02 uM**

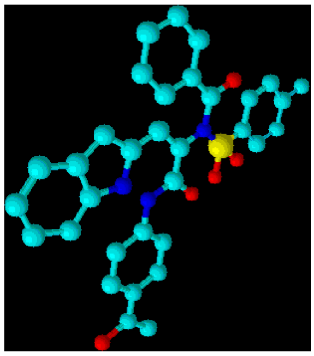
IC_{50} (antioxidant): **7c: 0.045 mM, 7k: 0.73 mM**



7k



active compound docked with plasmepsin II



7c

cyan= carbon, yellow= sulphur, blue= nitrogen, red= oxygen for compound **7c** and **7k**