

Supporting Information

Synthesis and biological evaluation of primaquine- chloroquine twin drug: A novel heme-interacting molecule prevents free heme and hydroxyl radical-mediated protein degradation

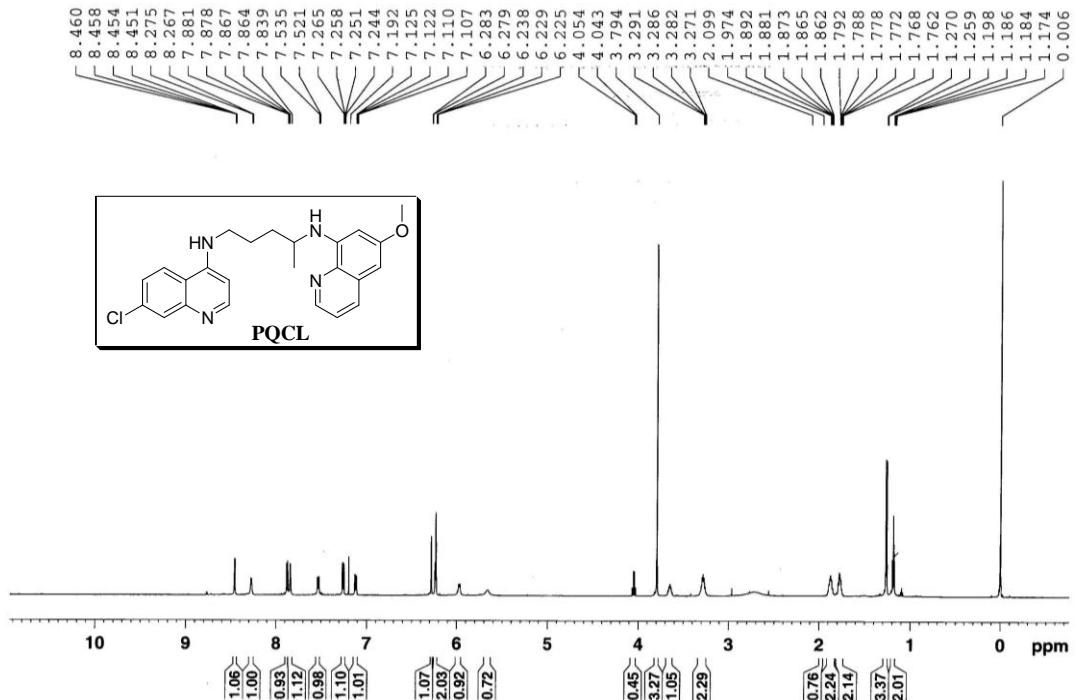
**Chinmay Pal ^a, Souvik Sarkar ^a, Somnath Mazumder ^a, Susanta Adhikari ^{b*},
Uday Bandyopadhyay ^{a*}**

^a *Department of Infectious Diseases and Immunology, CSIR-Indian Institute of Chemical Biology, 4 Raja S. C. Mullick Road, Jadavpur, Kolkata 700032, West Bengal, India.*

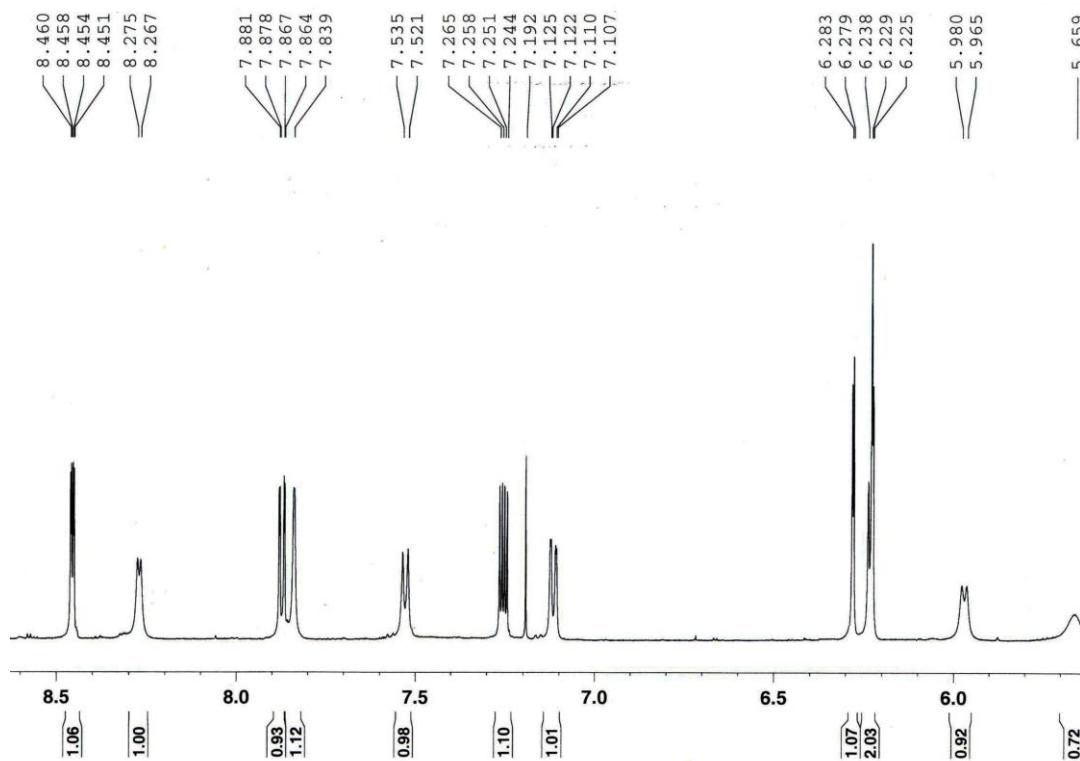
^b *Department of Chemistry, University of Calcutta, 92, A. P. C. Road, Kolkata-700 009, West Bengal, India*

7-chloro-N-(4-(6-methoxyquinolin-8-ylamino) pentyl) quinolin-4-amine :(PQCL)

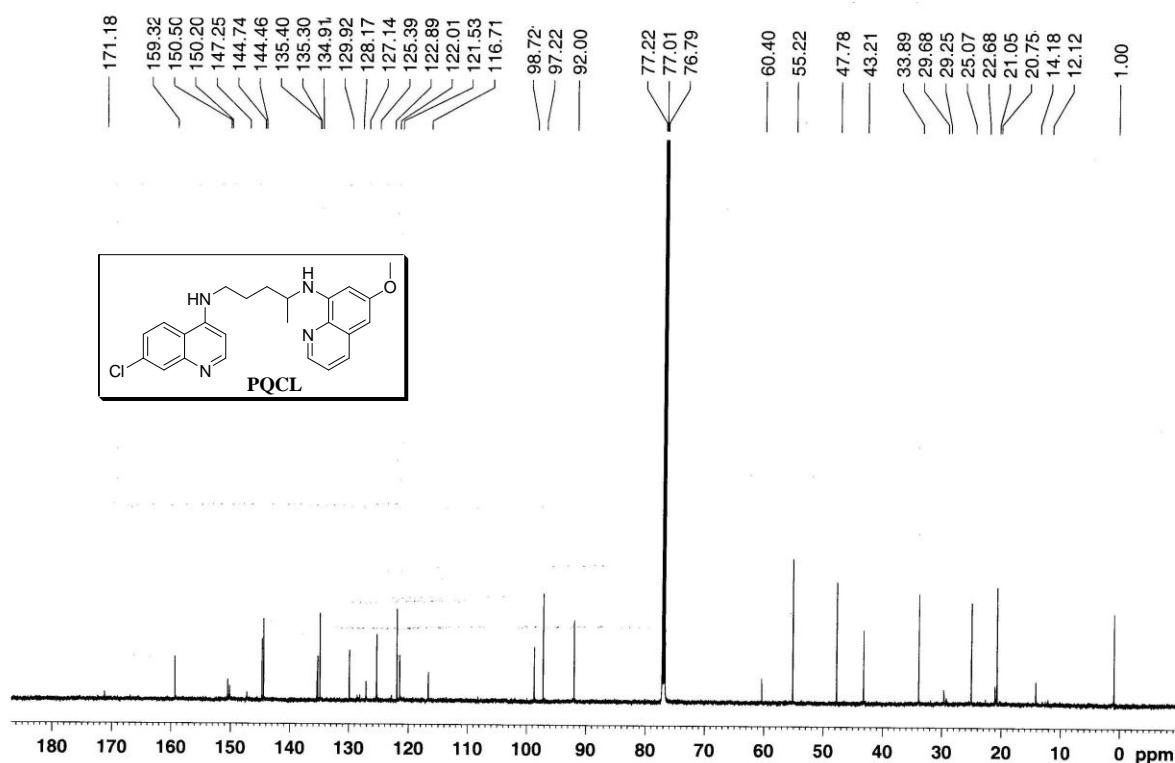
¹H NMR (600 MHz, CDCl₃)



Expanded

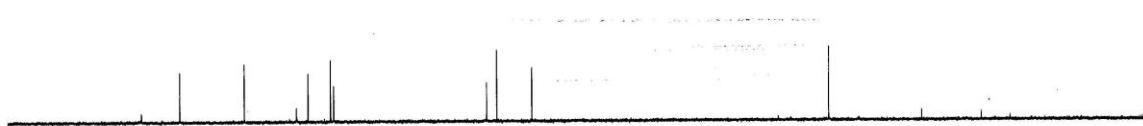


¹³C NMR (150 MHz, CDCl₃)

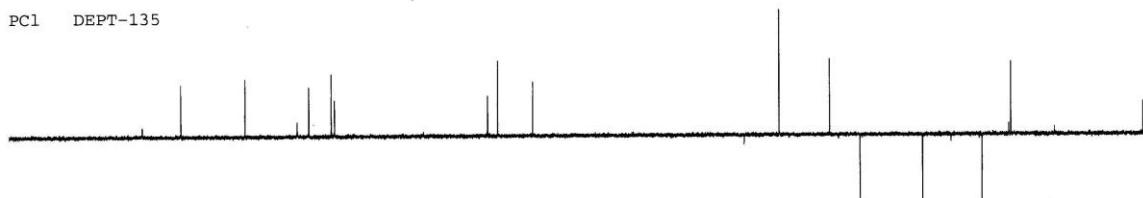


DEPT EXPERIMENT

PC1 DEPT-90



PC1 DEPT-135



PC1 ¹³C-NMR in CDCl₃

