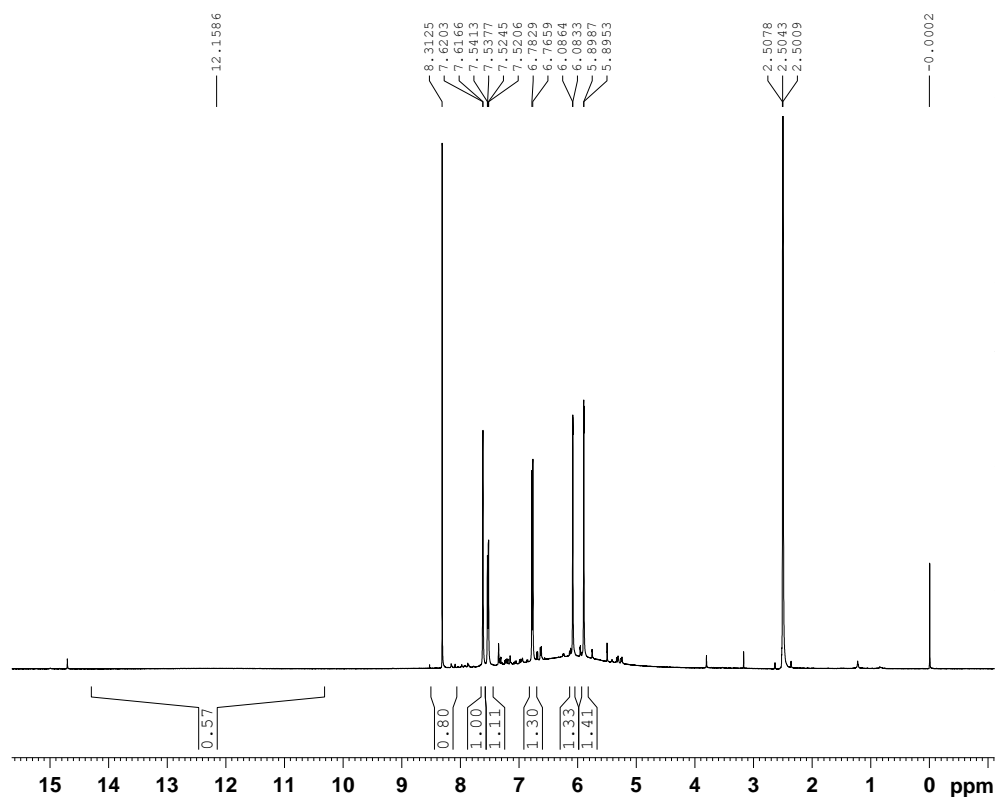


L
1H_8scan DMSO {D:\Spectra} nmr 34



BRUKER
AVANCE NEO
500 MHz NMR
SPECTROMETER
SAIF, P.U.

Current Data Parameters
NAME Mar12-2021
EXPNO 340
PROCNO 1

F2 - Acquisition Parameters
Date_ 20210313
Time_ 14.22 h
INSTRUM Avance Neo 500
PROBHD Z119470_0333 (zg30)
PULPROG 65536
TD 8
SOLVENT DMSO
NS 0
DS 0
SWH 14705.883 Hz
FIDRES 0.448788 Hz
AQ 2.2282240 sec
RG 95.7854
DW 34.000 usec
DE 6.79 usec
TE 300.2 K
D1 1.00000000 sec
TD0 1
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NUC1 1H
P0 3.33 usec
P1 10.00 usec
PLW1 20.93000031 W

F2 - Processing parameters
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SF 500.1700019 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Figure S1: ^1H NMR Spectra of H_2L .

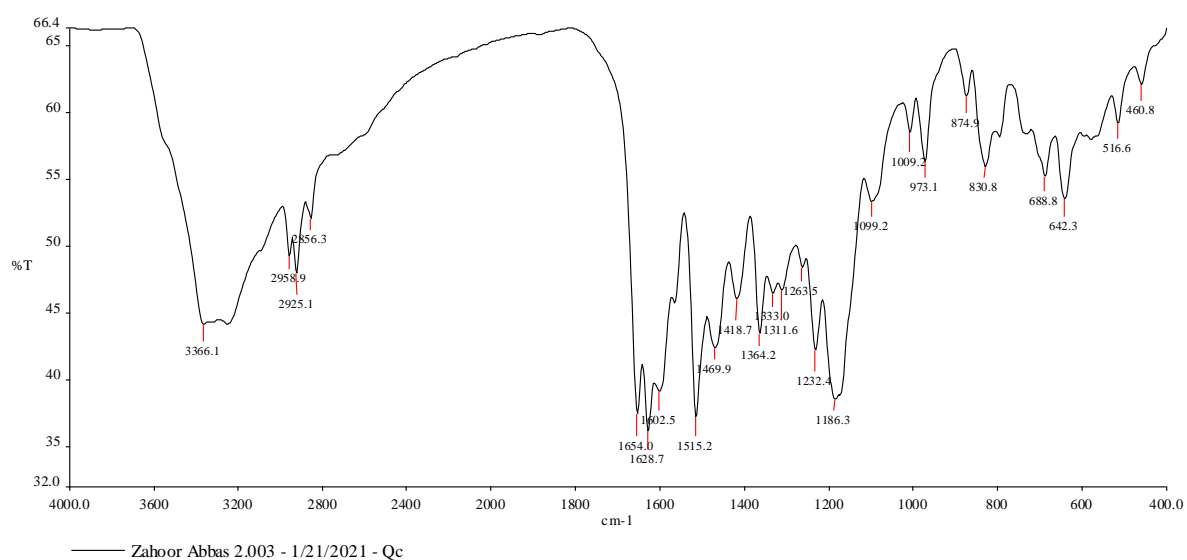


Figure S2: IR Spectra of H₂L.



Figure S3: anti-bacterial activities of quercetin complexes.

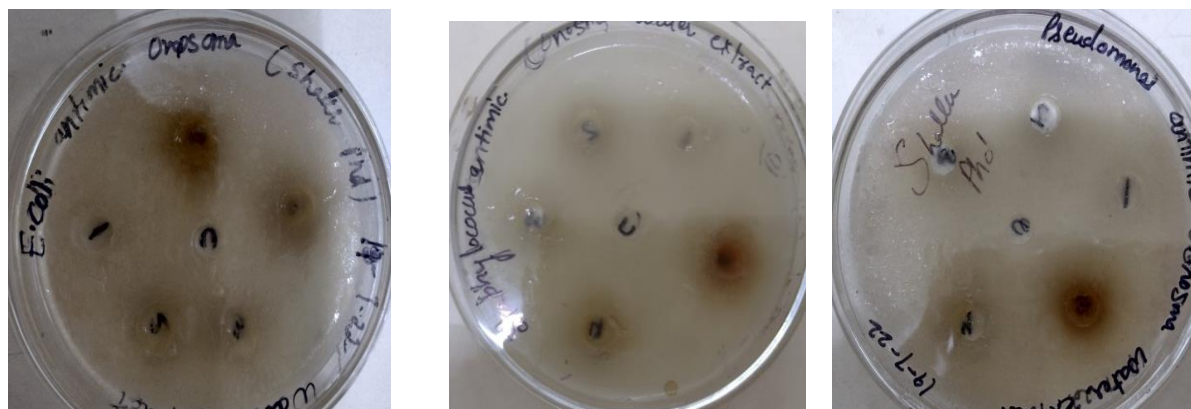


Figure S4: anti-bacterial activities of quercetin ligand (Schiff base).