

Supplementary Information

Synthesis of chiral R/S- pseudopeptide based Cu(II) & Zn(II) complexes for use in targeted delivery for antitumor therapy: Enantiomeric discrimination with CT-DNA and pBR322 DNA hydrolytic cleavage mechanism.

Sabiha Parveen, Sartaj Tabassum, Farukh Arjmand*

Department of Chemistry, Aligarh Muslim University, Aligarh 202002, India

*Corresponding author Tel.: +91 5712703893.

E-mail address: farukh_arjmand@yahoo.co.in (F. Arjmand).

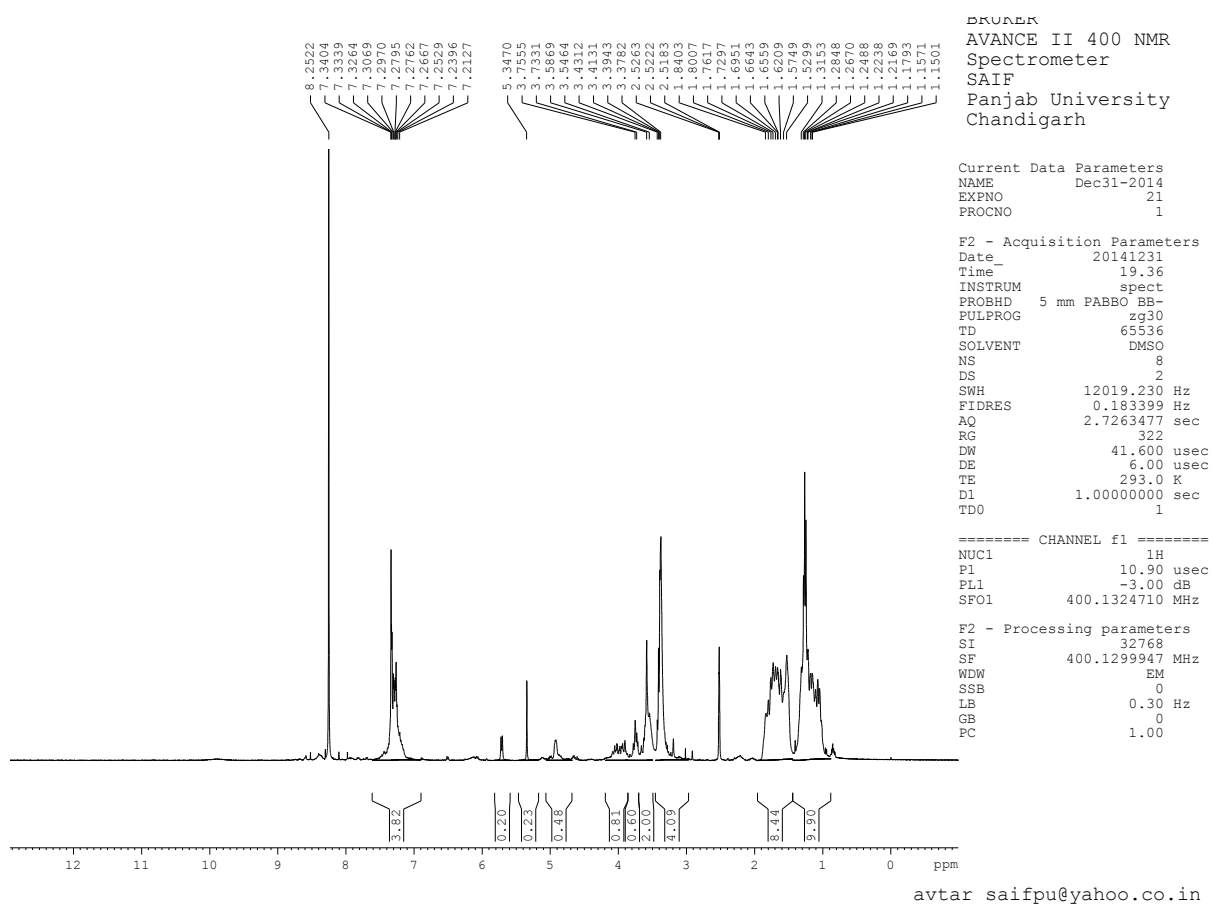
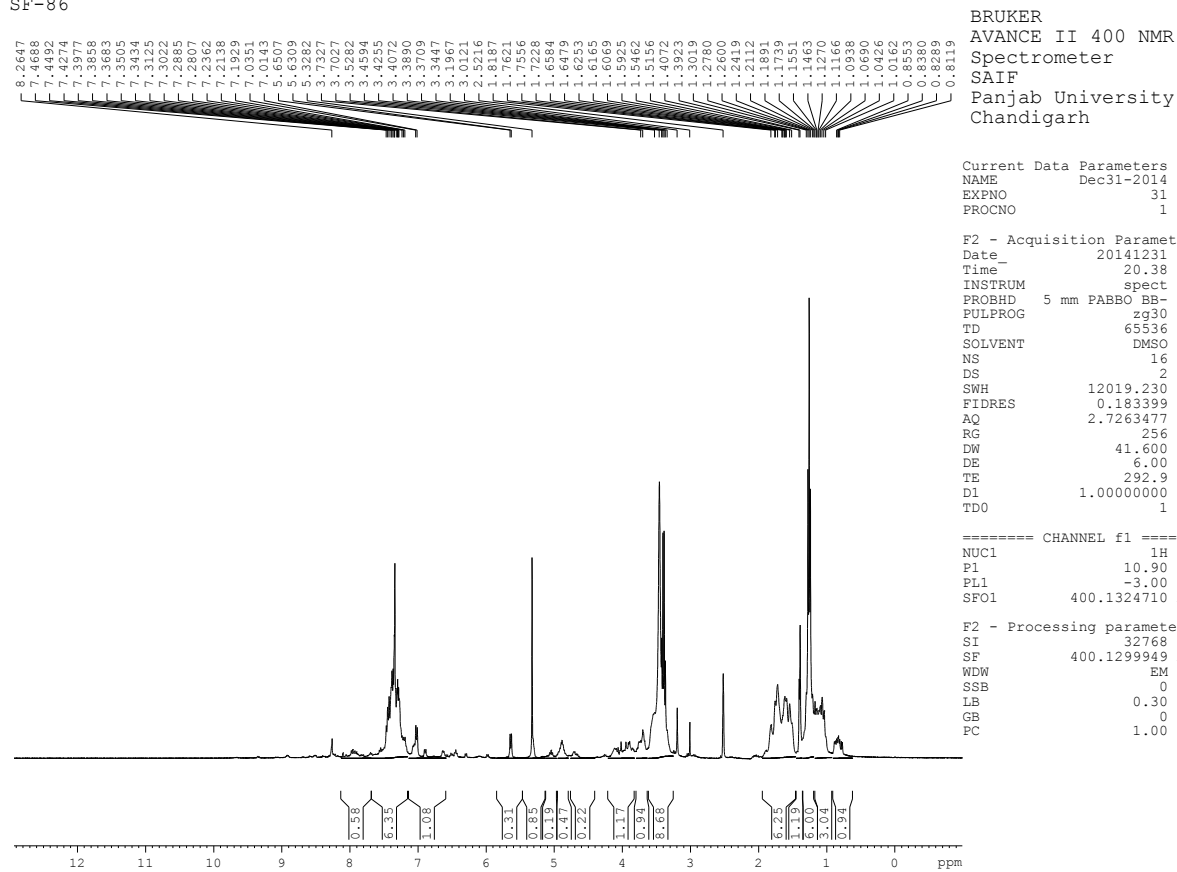


Fig S1. NMR spectra of ligand L.

SF-86



BRUKER
AVANCE II 400 NMR
Spectrometer
SAIF
Panjab University
Chandigarh

Current Data Parameters
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EXPNO 31
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141231
Time 20.38
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PULPROG zg30
TD 65536
SOLVENT DMSO
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DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 256
DW 41.600 usec
DE 6.00 usec
TE 292.9 K
D1 1.00000000 sec
TD0 1

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PL1 -3.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1299949 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

avtar_saiipu@yahoo.co.in

Fig S2. NMR spectra of 2s.

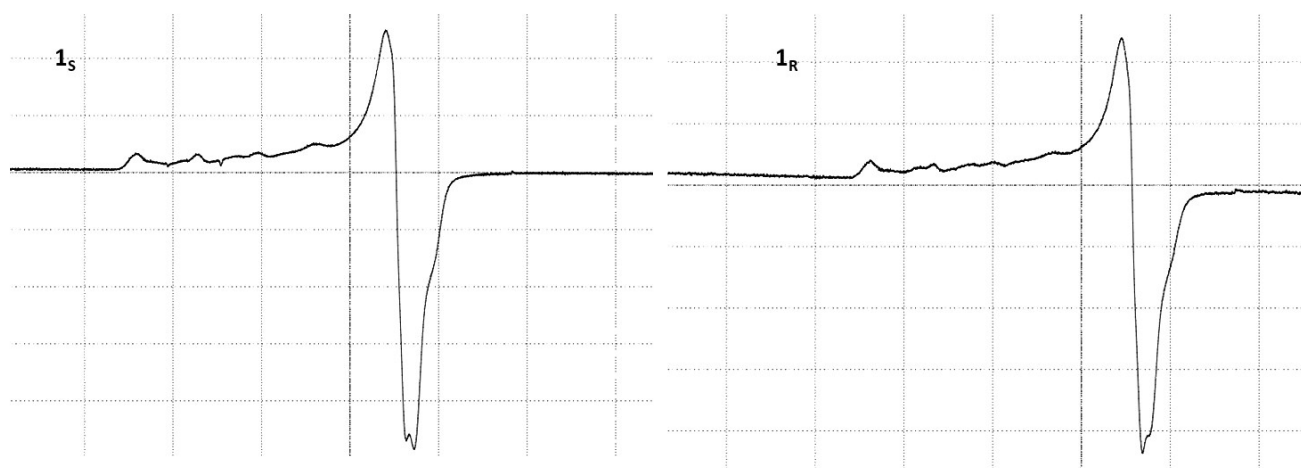


Fig S3. EPR spectra of complexes 1_S and 1_R .

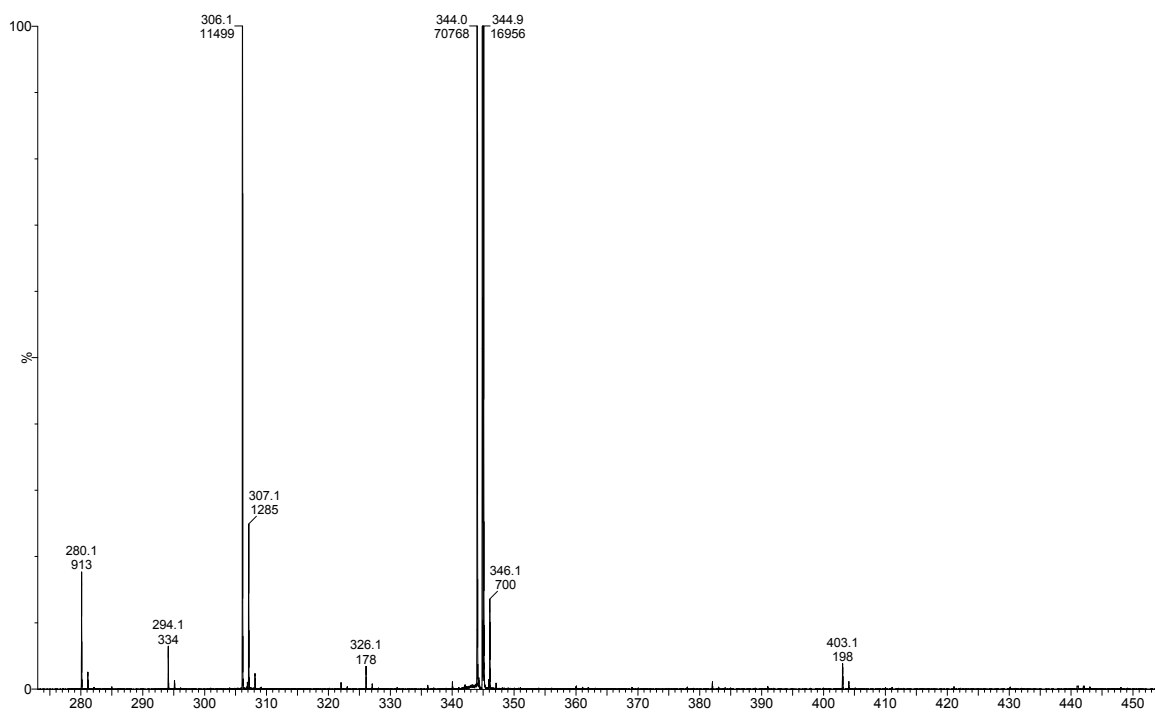


Fig S4(i) Mass spectra of ligand L.

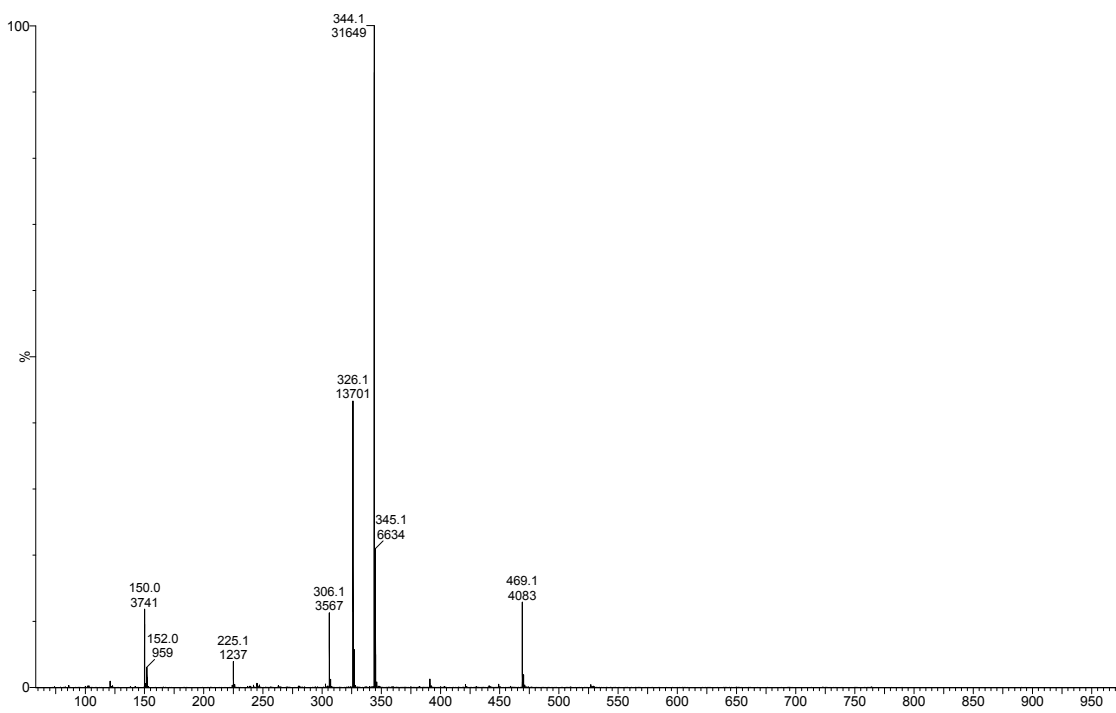


Fig S4(ii) Mass spectra of 2s.

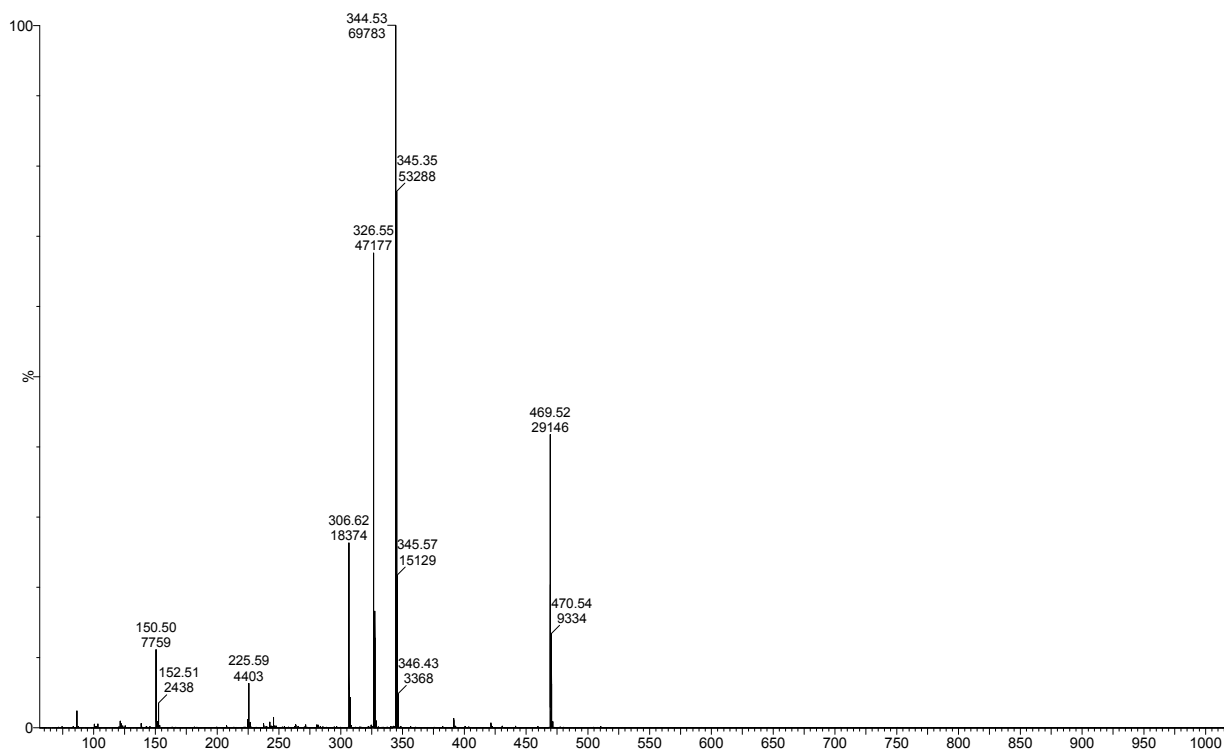


Fig S4(iii) Mass spectra of 2_R.