

Supporting Information

Antiplatelet activity of a newly synthesized novel ruthenium (II) complex: potential role for Akt/JNK signaling

Themmila Khamrang^{1,2*}, Kuo-Chen Hung^{3*}, Chih-Hsuan Hsia², Cheng-Ying Hsieh², Marappan Velusamy¹ Thanasekaran Jayakumar² and Joen-Rong Sheu²

¹Department of Chemistry, North Eastern Hill University, Shillong 793022, India; E-Mail: themmilakhamrang@gmail.com (T.K); mvelusamy@gmail.com (M.V)

²Graduate Institute of Medical Sciences and Department of Pharmacology, College of Medicine, Taipei Medical University, Taipei, Taiwan; E-Mail: d119102013@tmu.edu.tw (C.-H.H); hsiehcy@tmu.edu.tw (C.-Y.H); tjaya_2002@yahoo.co.in (T.J); sheujr@tmu.edu.tw (J.-S.R)

³Gastroenterologic Surgery Division, Department of Surgery, Yuan's General Hospital, Kaohsiung 249, Taiwan; E-Mail: hcc4723@gmail.com (K.-C.H)

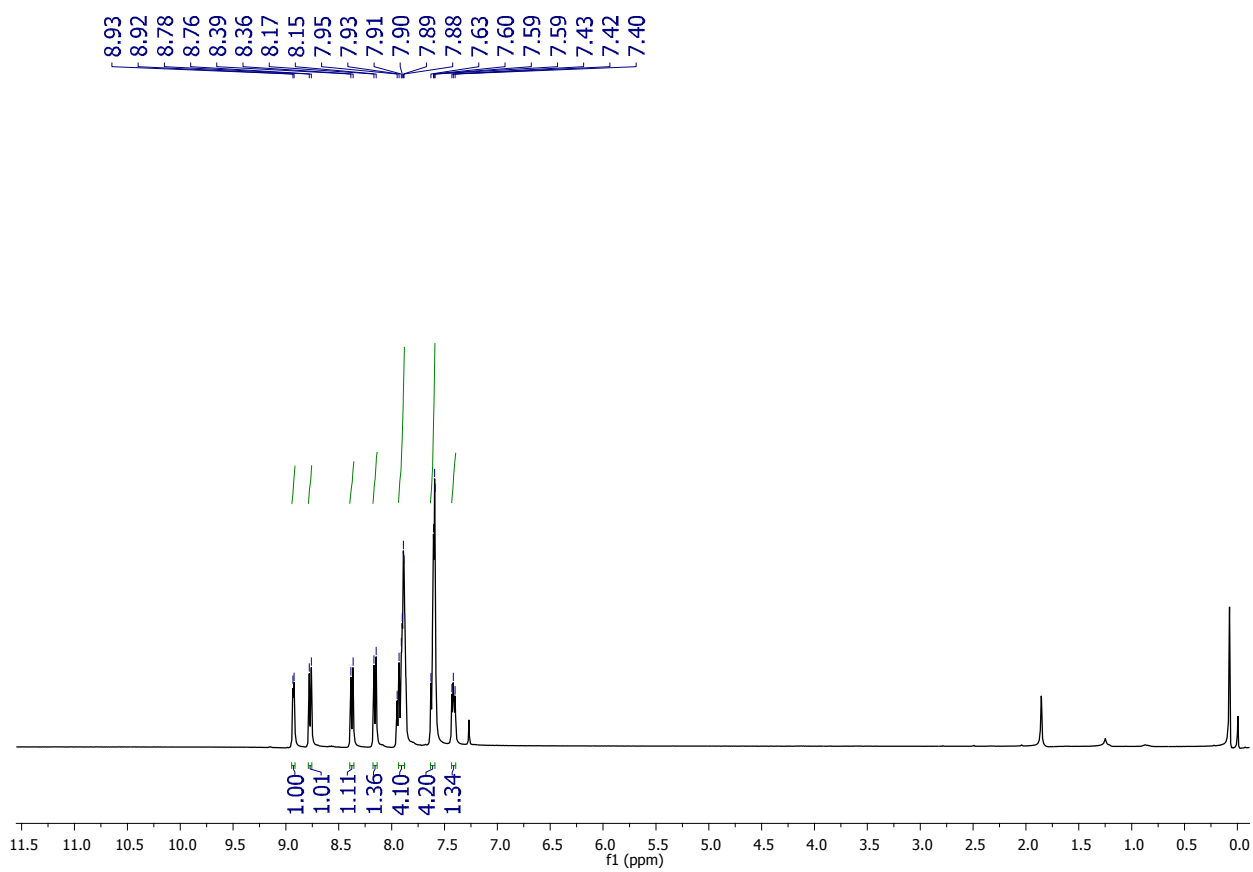


Figure S1: ^1H NMR spectrum of **L** in CDCl_3

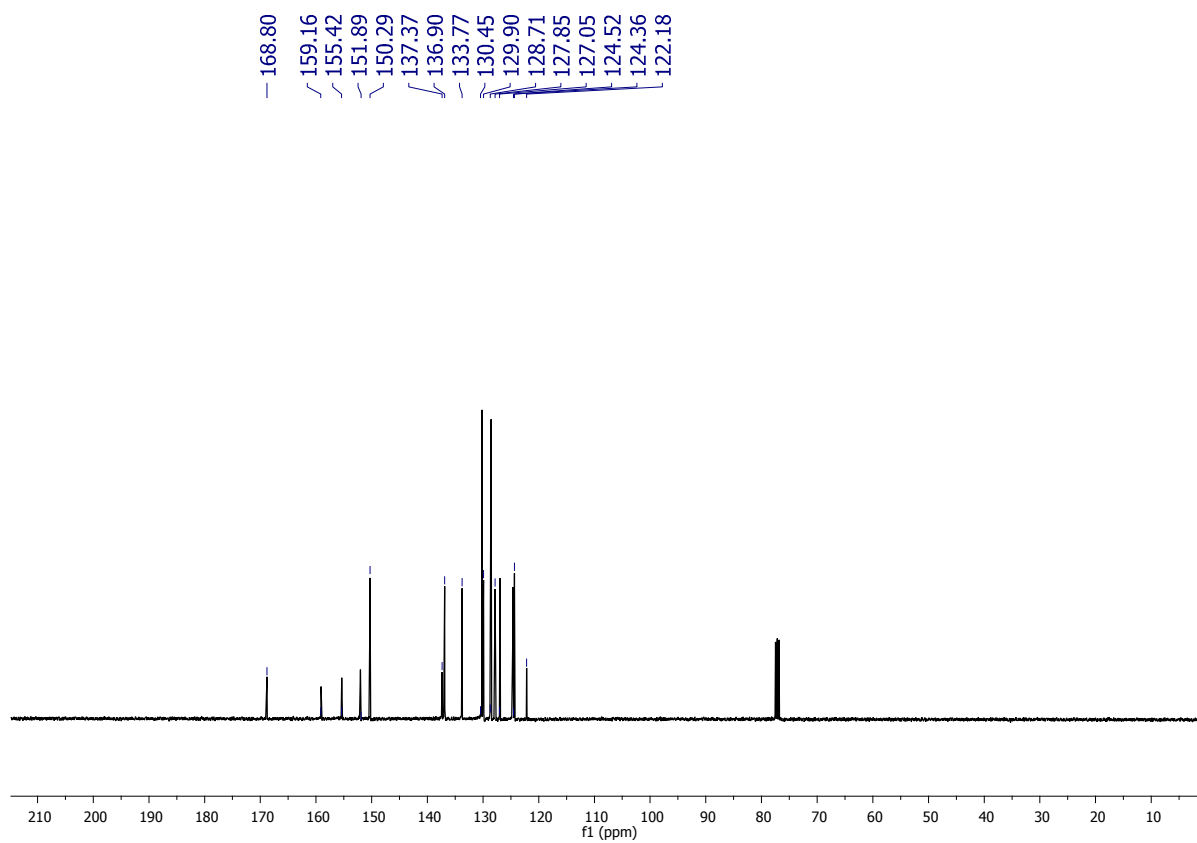


Figure S2: ^{13}C NMR spectrum of **L** in CDCl_3

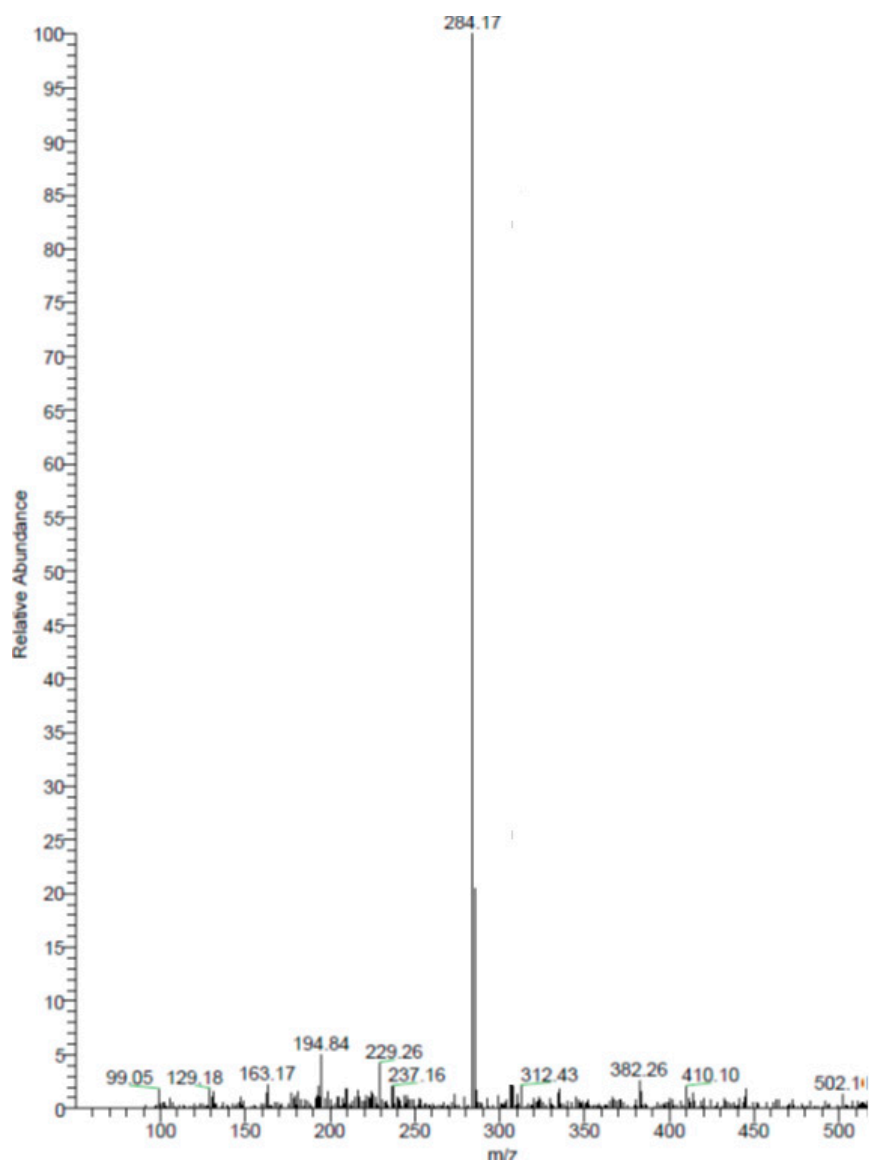


Figure S3: ESI-MS spectrum of L.

TQL5 #69-83 RT: 0.66-0.80 AV: 8 NL: 4.41E9
T: FTMS + p ESI Full ms [150.00-1500.00]

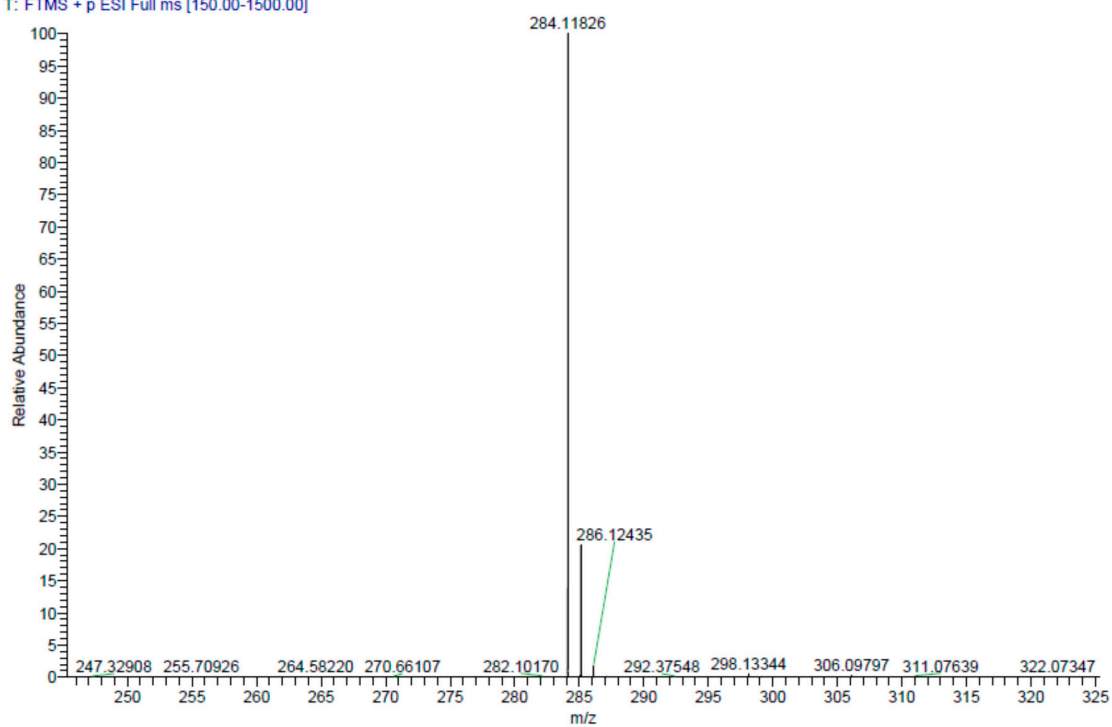


Figure S4. HRMS-ESI for **L**, Calcd for $C_{19}H_{14}N_3$: 284.1188 $[M+H]^+$, Found: 284.1182 $[M+H]^+$.

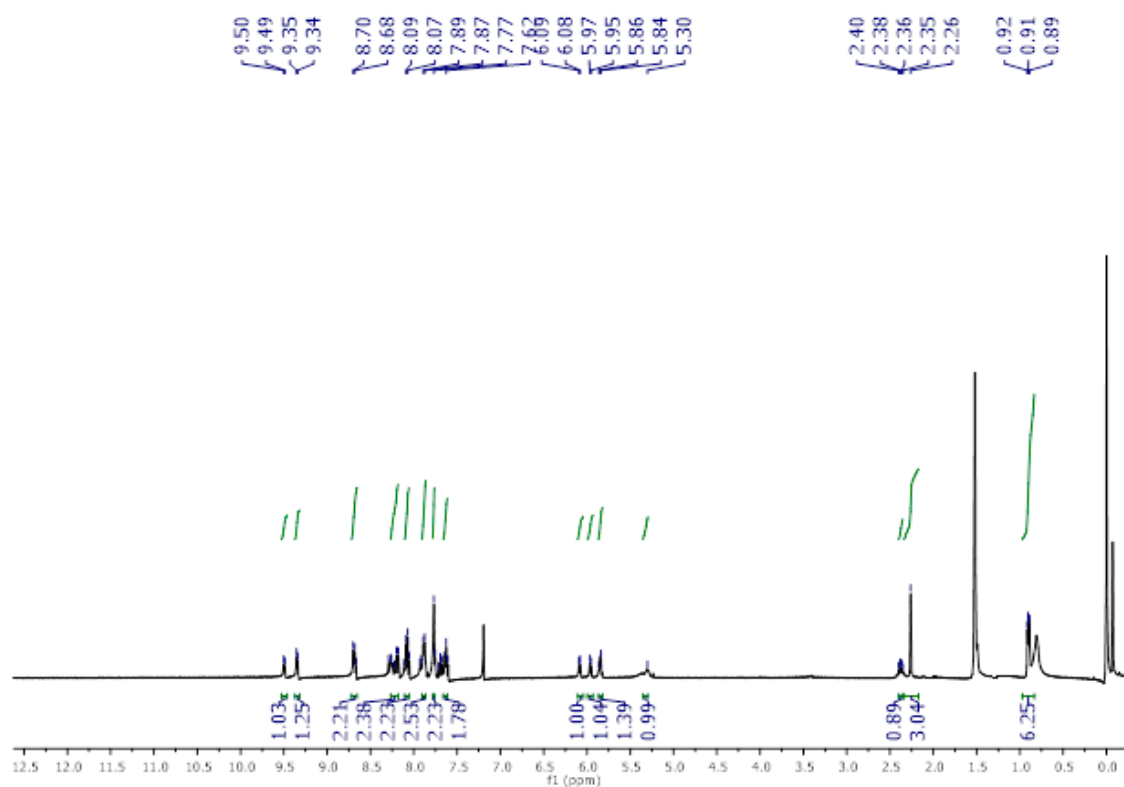


Figure S5: ^1H NMR spectrum of TQ-5 Complex in CDCl_3

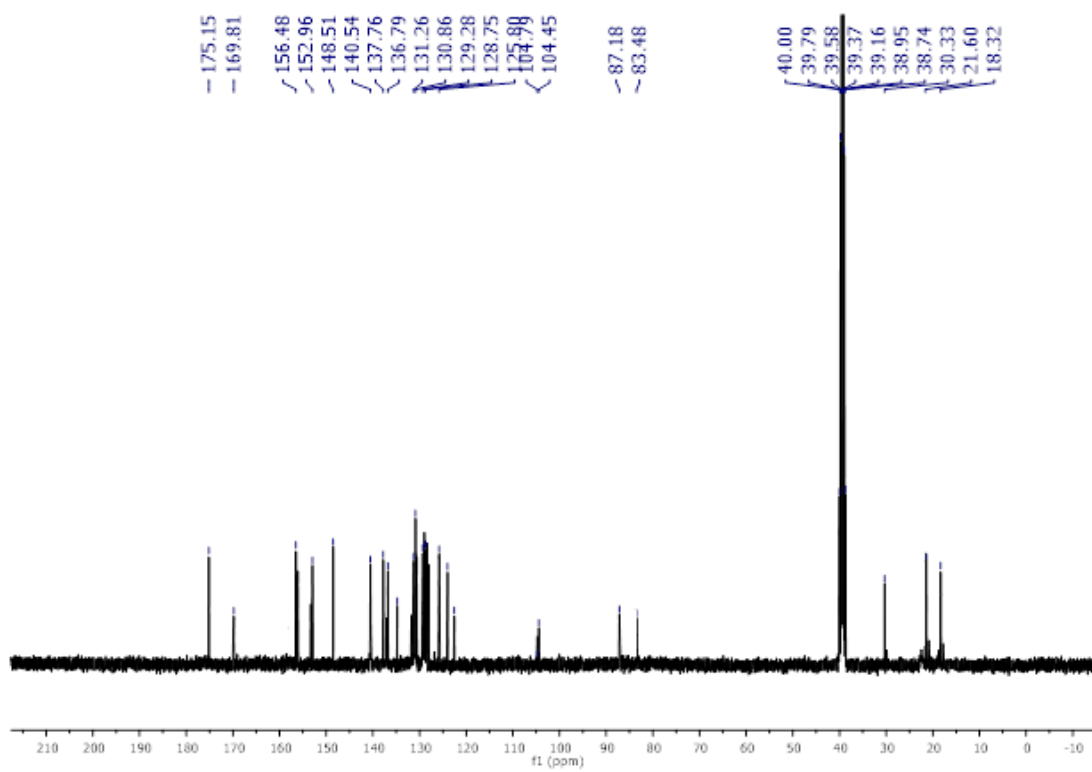


Figure S6: ^{13}C NMR spectrum of TQ-5 complex in DMSO-d_6

Q-5 #13 RT: 0.17 AV: 1 NL: 5.38E4
: ITMS + c ESI Full ms [50.00-1200.00]

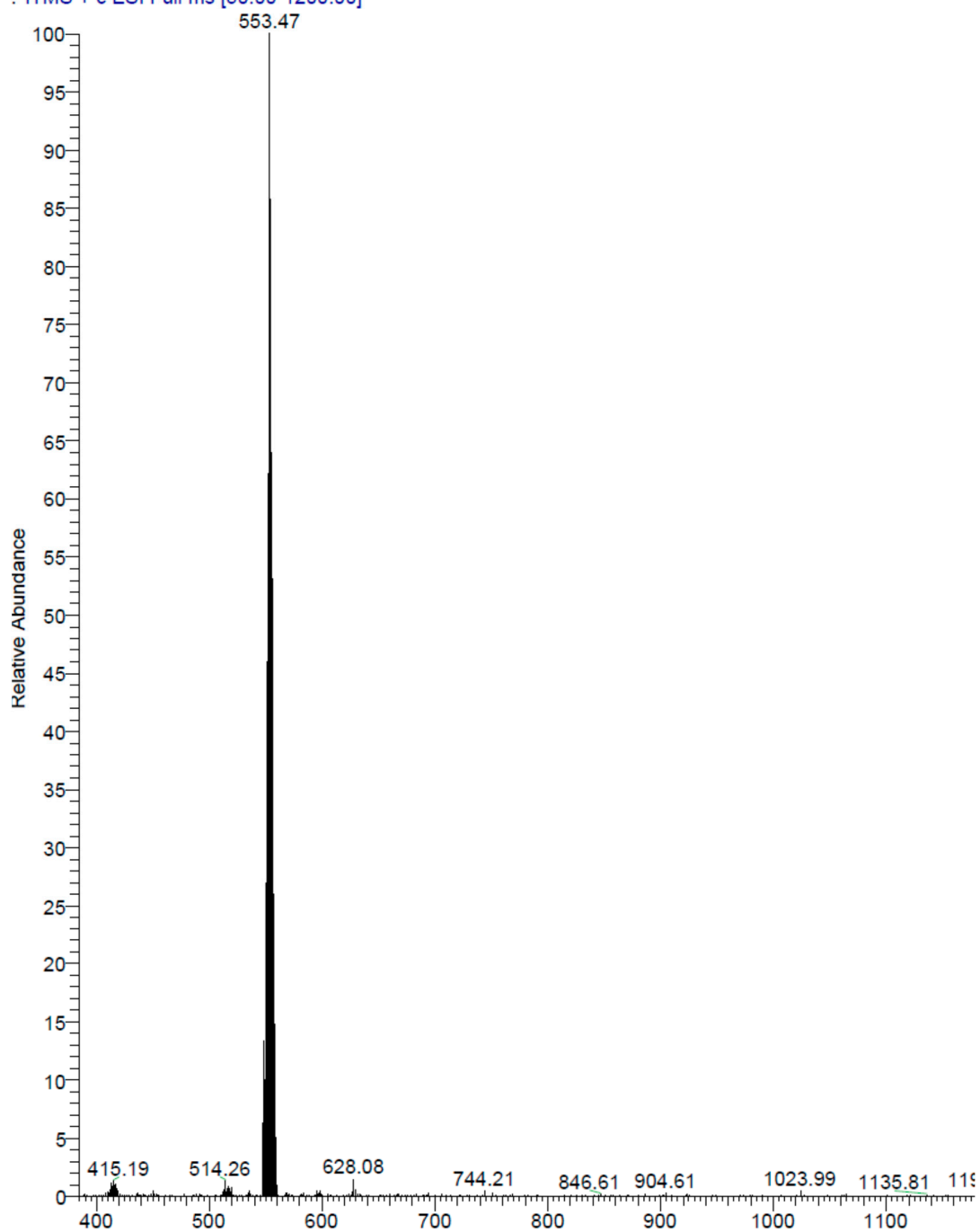


Figure S7: ESI-MS spectrum of TQ-5 Complex.