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## Supplementary Material

Two New Oxovanadium(IV) Compounds Containing Amino Acid Schiff Base and 1,10-Bathophenanthroline Ligands: Syntheses, Crystal Structures, and In Vitro Evaluation of the Anticancer Activities

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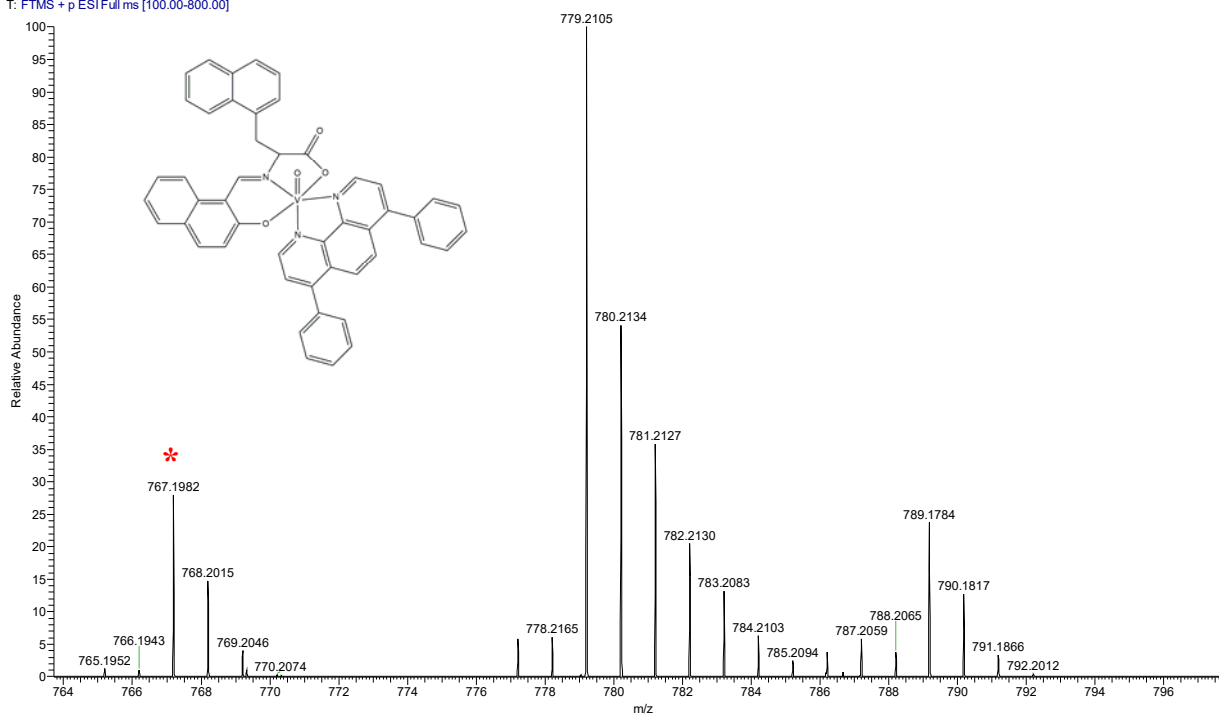
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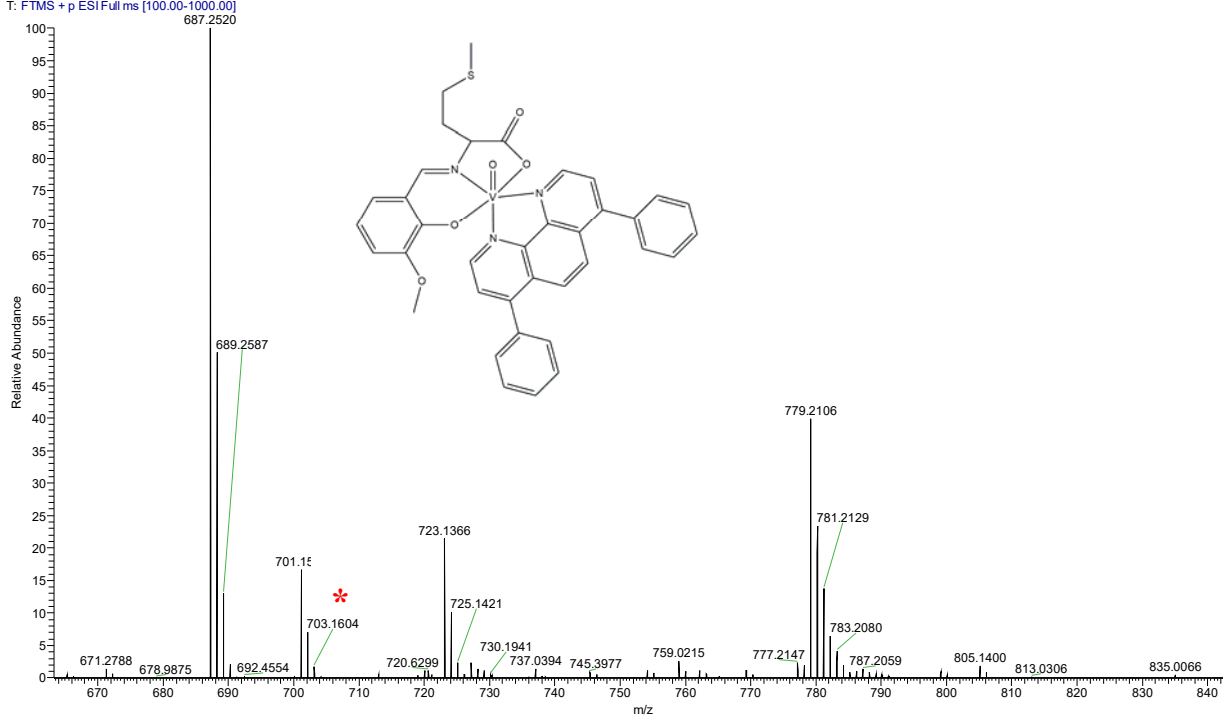
YZL-1 #17-27 RT: 0.09-0.14 AV: 11 SB: 7 0.02-0.05 NL: 1.72E7  
T: FTMS + p ESI Full ms [100.00-800.00]



**Fig. S1** H RMS of compound 1 .

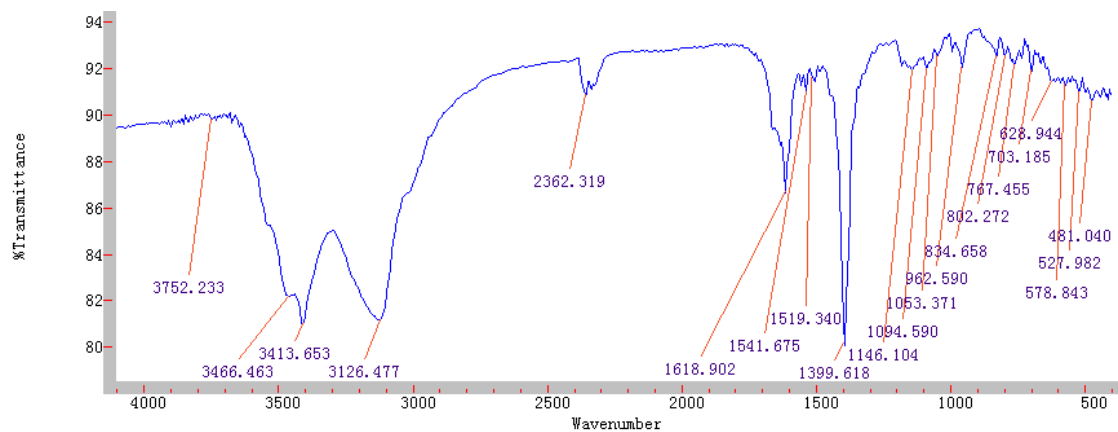
The parent ion peaks at  $m/z$  767.1982 is marked with asterisks.

YZL-4 #16-27 RT: 0.08-0.14 AV: 12 SB: 7 0.02-0.05 NL: 8.44E7  
T: FTMS + p ESI Full ms [100.00-1000.00]

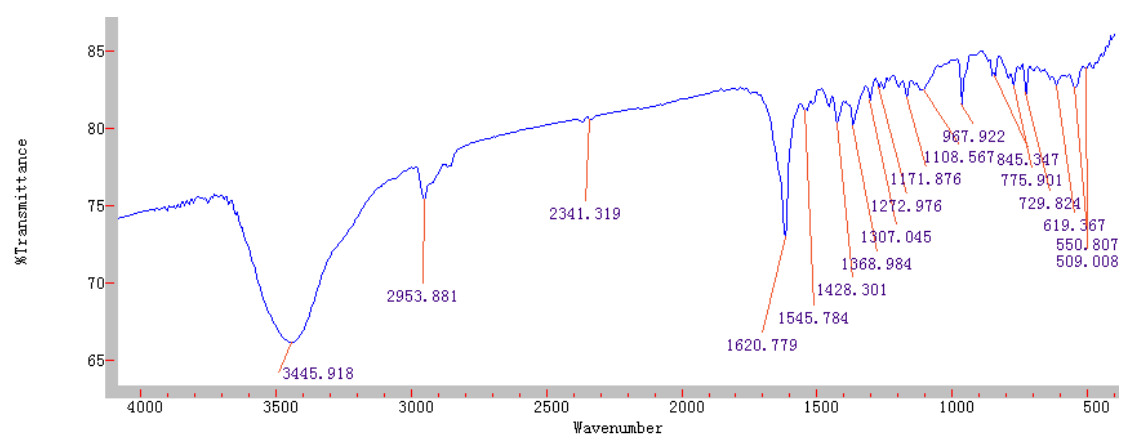


**Fig. S2** H RMS of compound 2 .

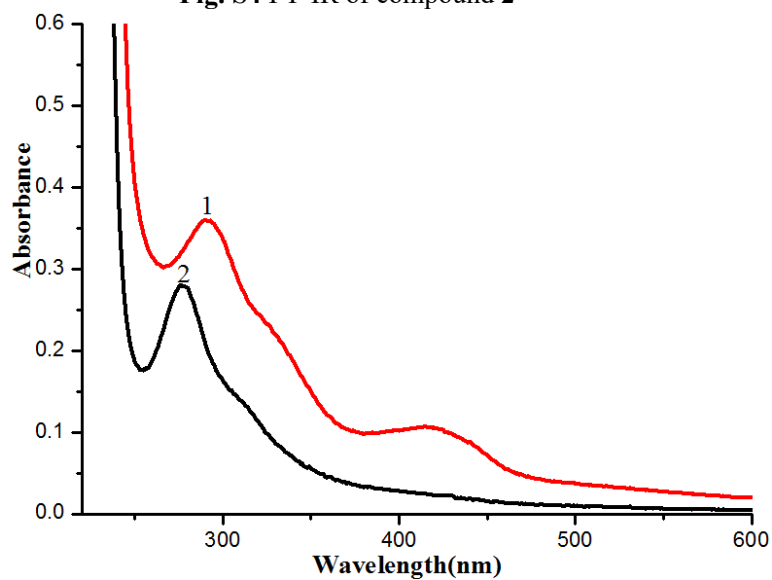
The parent ion peaks at  $m/z$  703.1604 is marked with asterisks.



**Fig. S3** FT-IR of compound 1



**Fig. S4** FT-IR of compound 2



**Fig. S5** UV-vis spectra of compounds 1 and 2 in **DMSO:H<sub>2</sub>O(v:v=1:1)** solution at room temperature ( $c_1=c_2=1.0 \times 10^{-5} \text{ mol} \cdot \text{L}^{-1}$ )

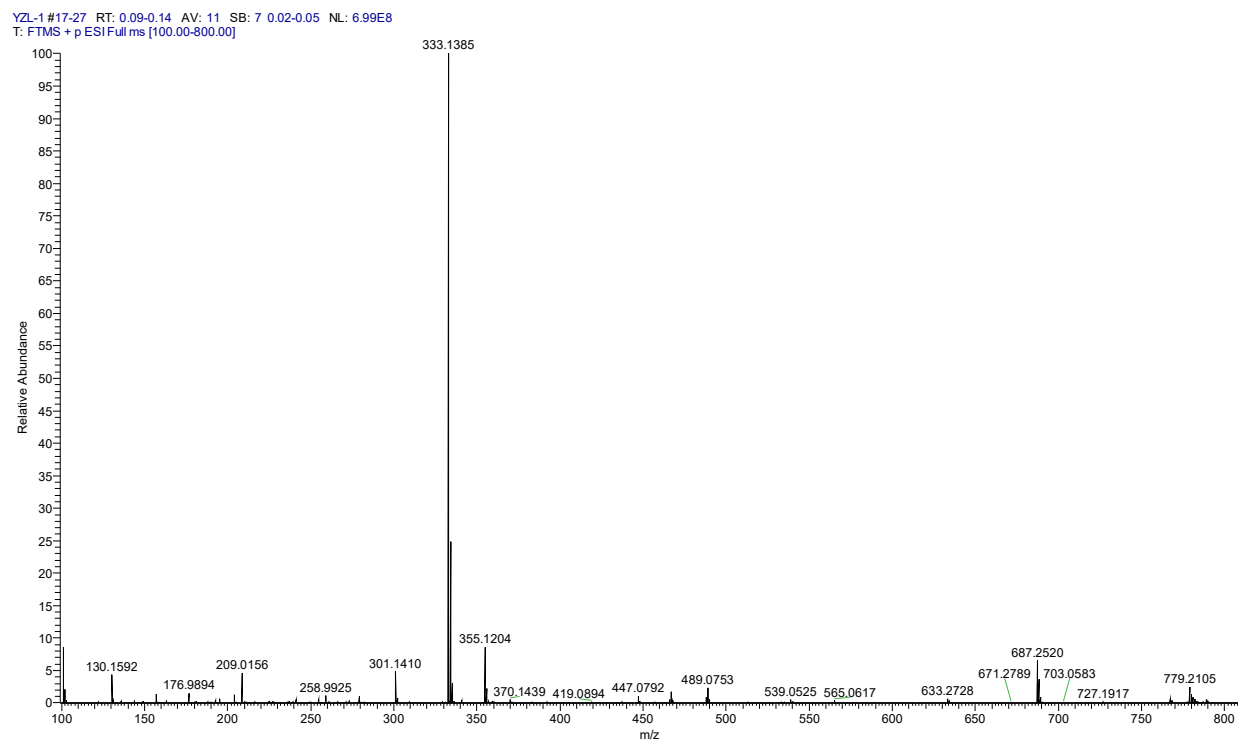


Fig. S5 H RMS of compound 1 .

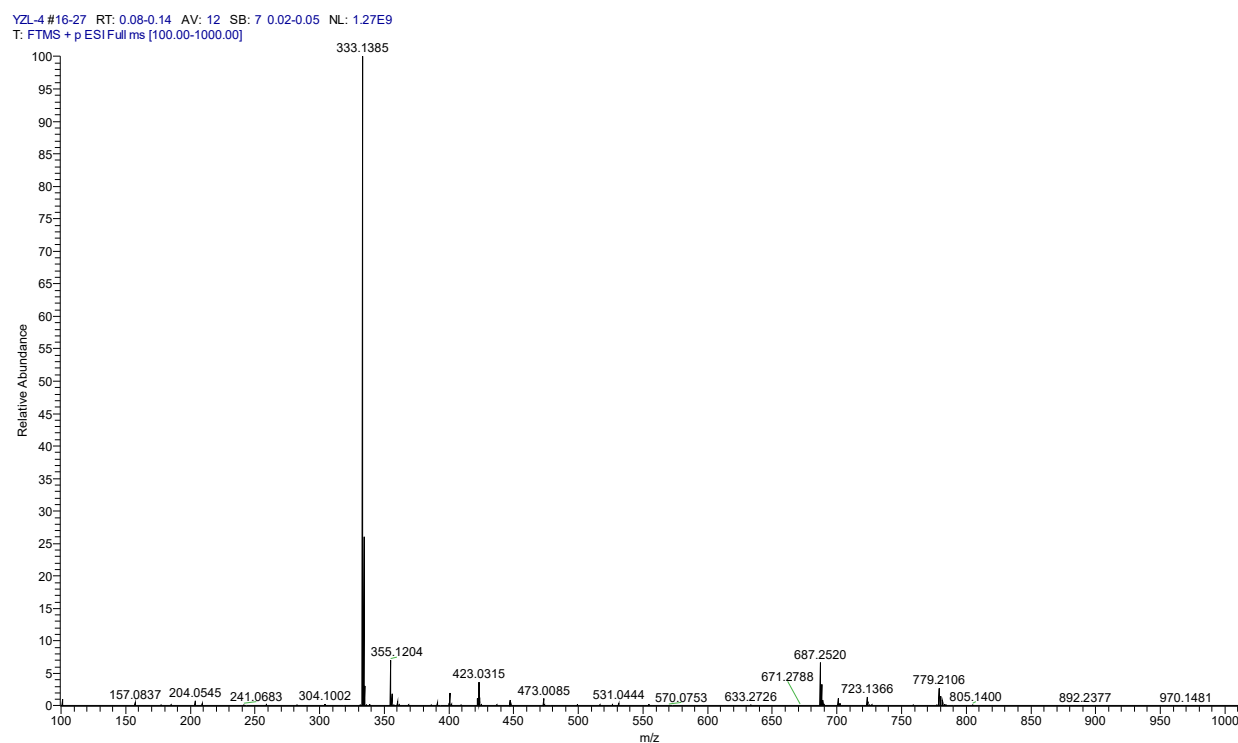


Fig. S6 H RMS of compound 2 .