

Fluorescent squaramide ligands for cellular imaging and their encapsulation in cubosomes

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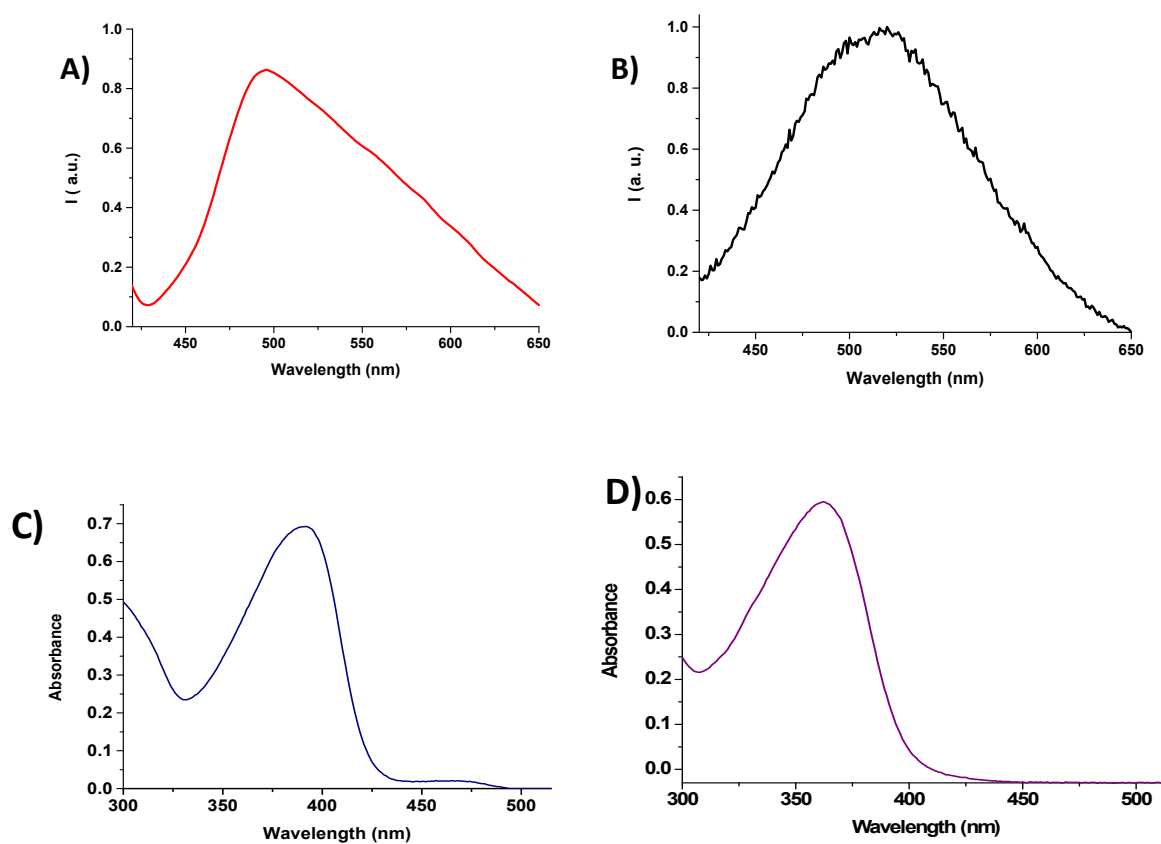


Figure S1 Normalized emissions (A and B) and absorptions (C and D) for L1 and L2, respectively of DMSO solution (1 mM) diluted in water (25 μ M). λ_{Ex} 355 nm.

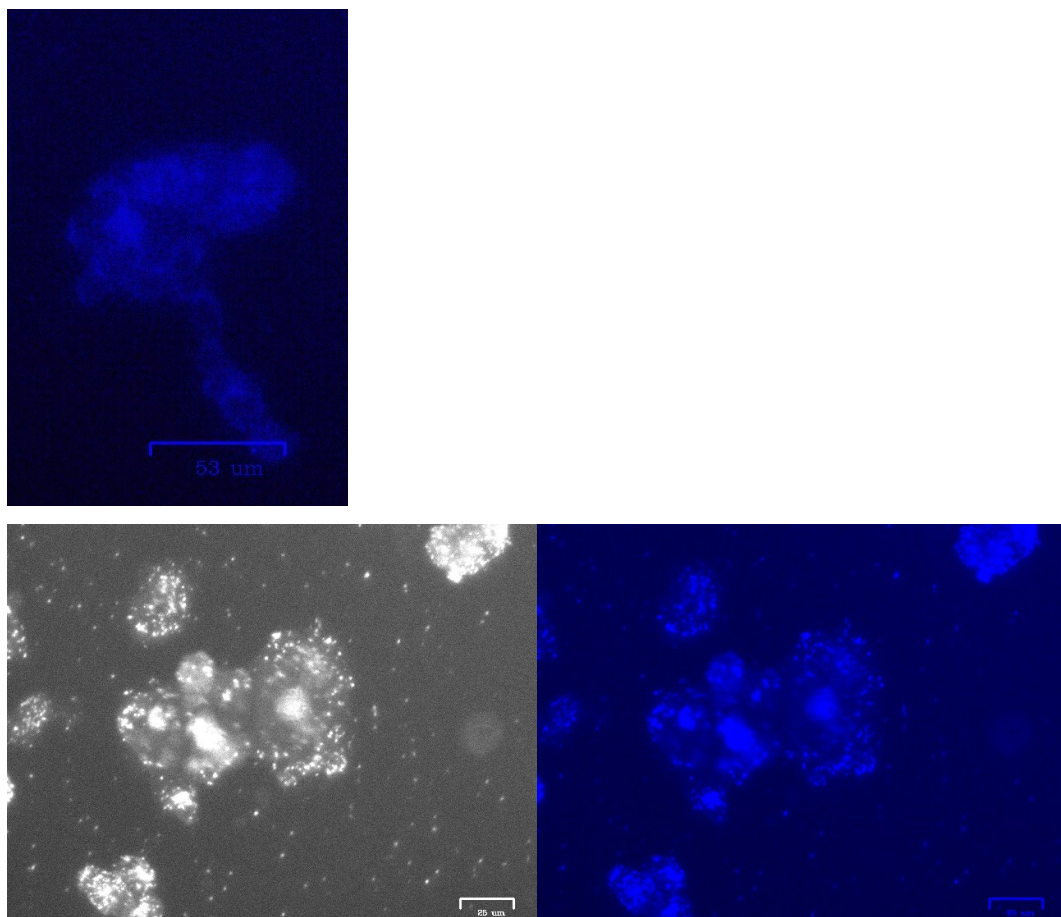


Figure S2. 293T (up) and Caco-2 cells (down) incubated for 10 min with L1 ligand 200 μM.

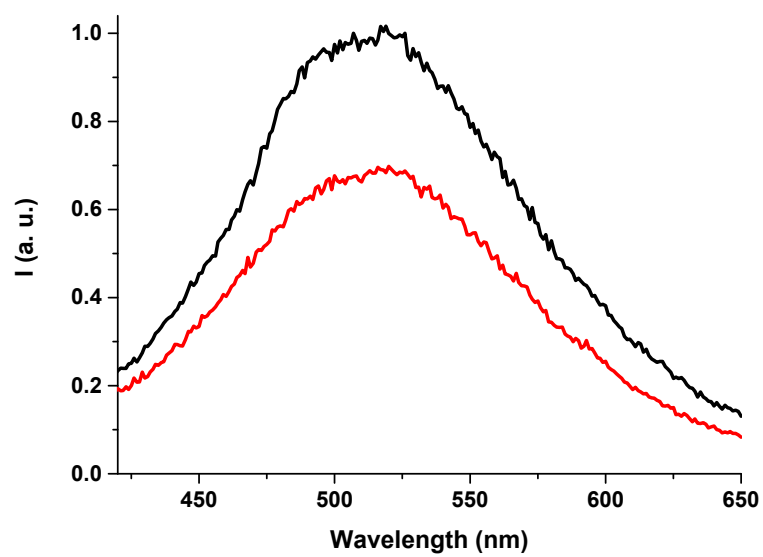


Figure S3 Normalized emissions of L2 (red) and L2 in the presence of 1 eq of TBAH₂PO₄ (black) of a DMSO solution (1 mM) diluted in water (25 μM). λ_{EX} 480 nm.

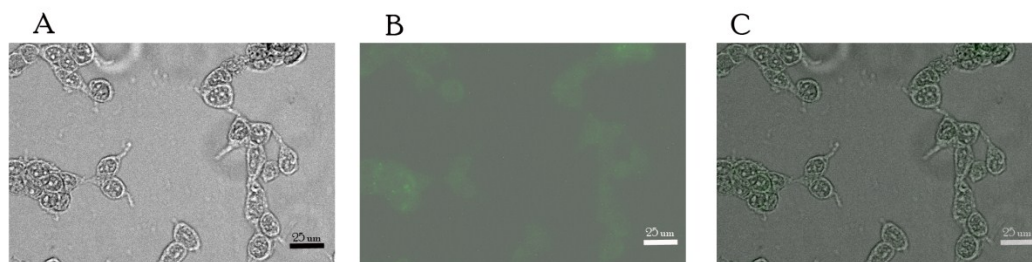


Figure S4. 293T cells incubated for 30 min with cubosomes containing L1 ligand 0.035 μM . A) Bright filed B) Green filed C) merge image of bright and green filed.

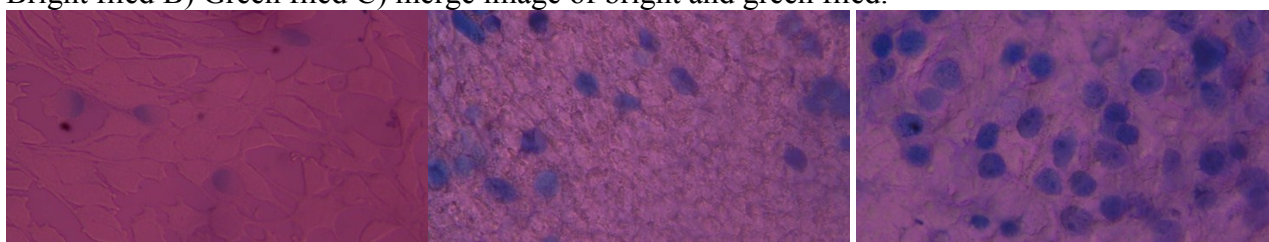
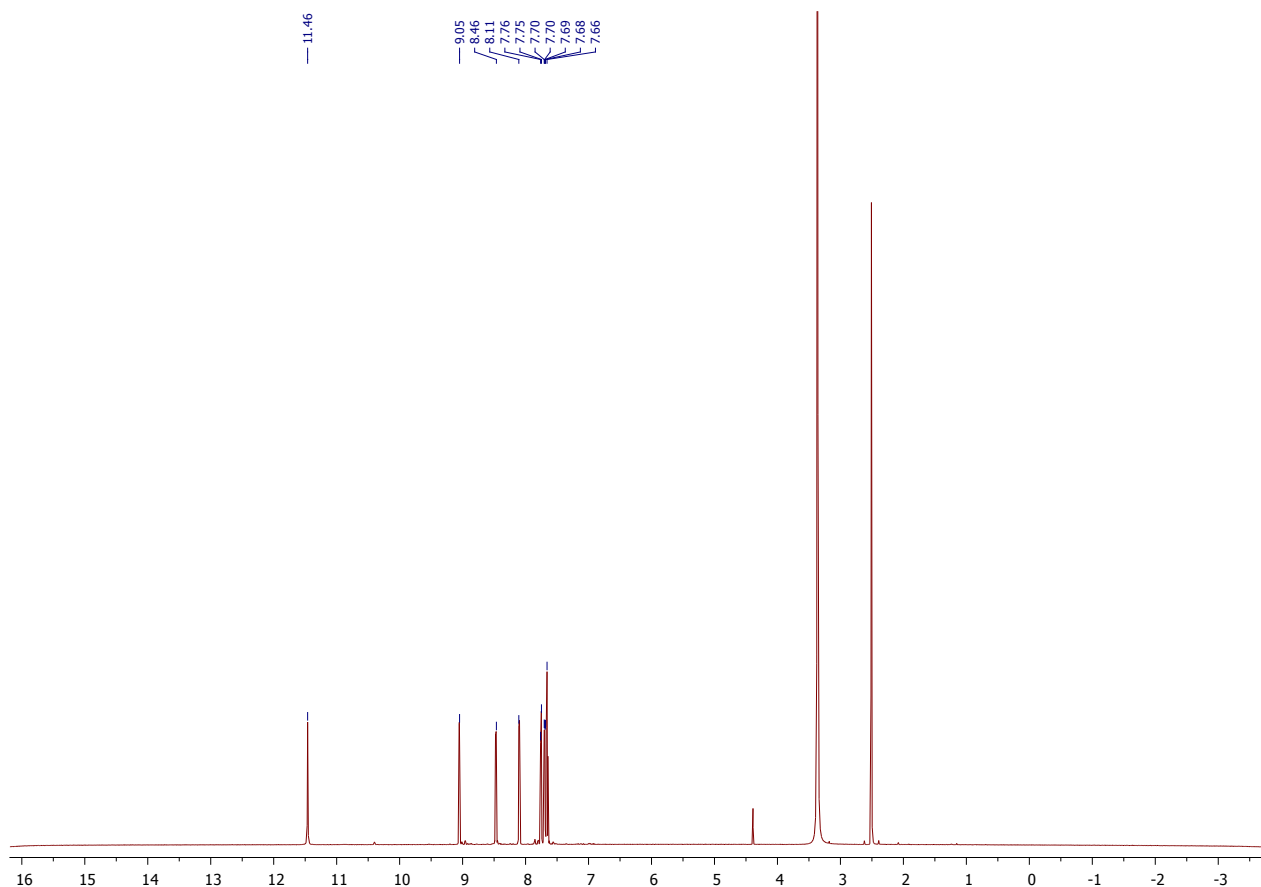


Figure S5. Image of 293T cells without cubosomes (left), treated with 10 μl (middle) and 20 μl (right) of cubosomes and stained with 0.1 % Trypan Blue after 24 h. iLED, 40x.



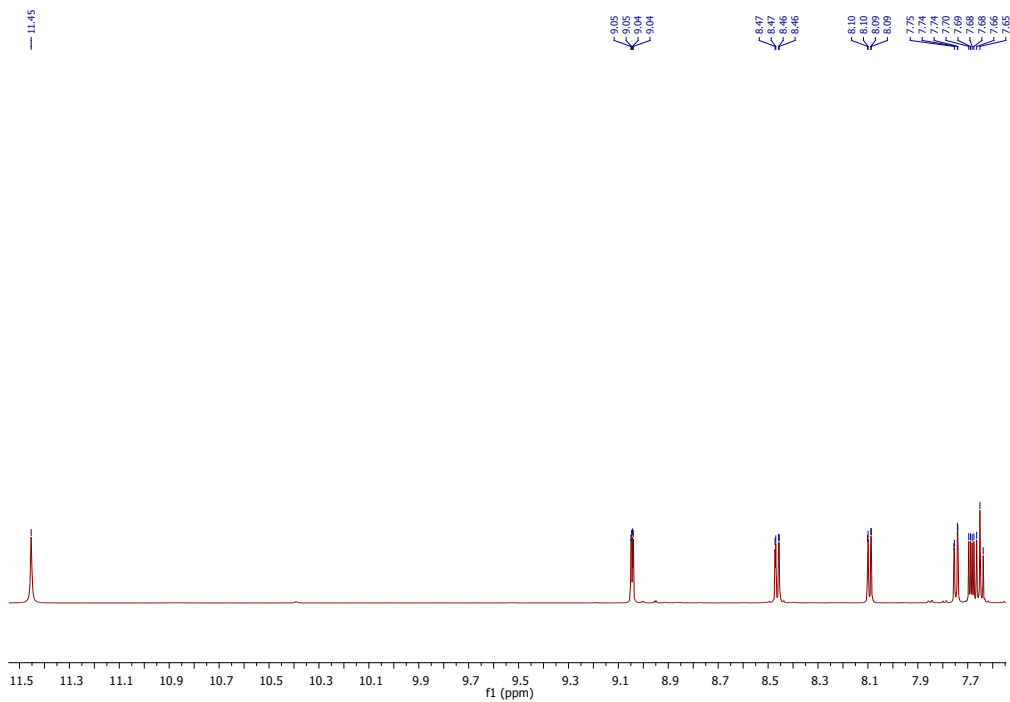


Figure S6. $^1\text{H-NMR}$ spectrum of **L1** in $\text{DMSO-}d_6$.

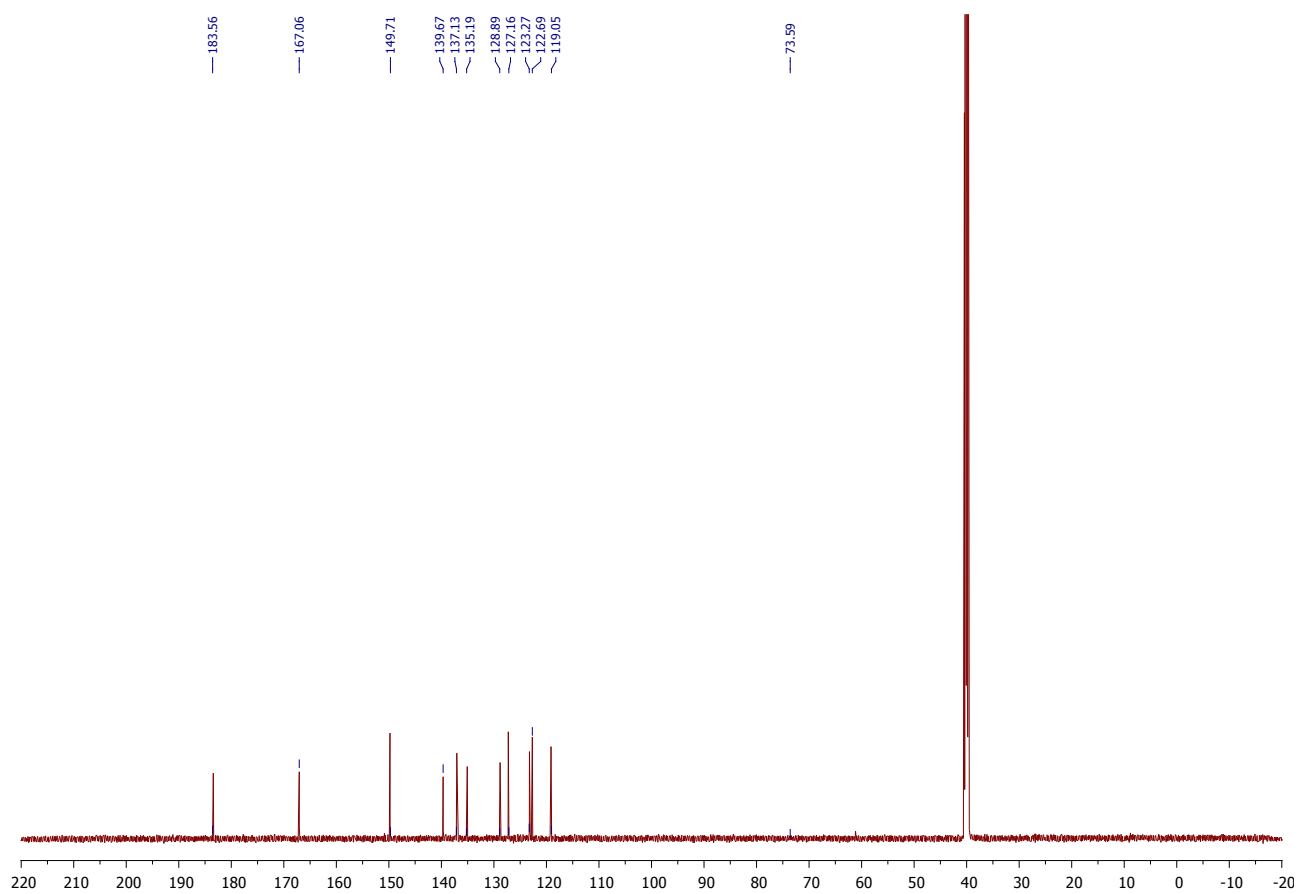


Figure S7. $^{13}\text{C-NMR}$ spectrum of **L1** in $\text{DMSO-}d_6$.

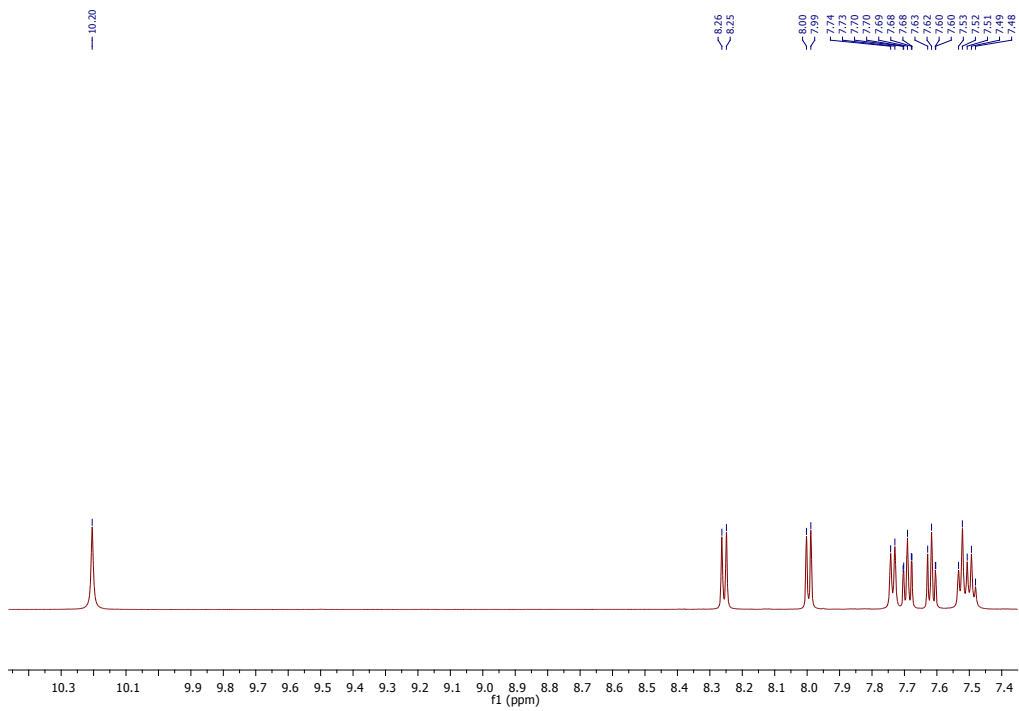
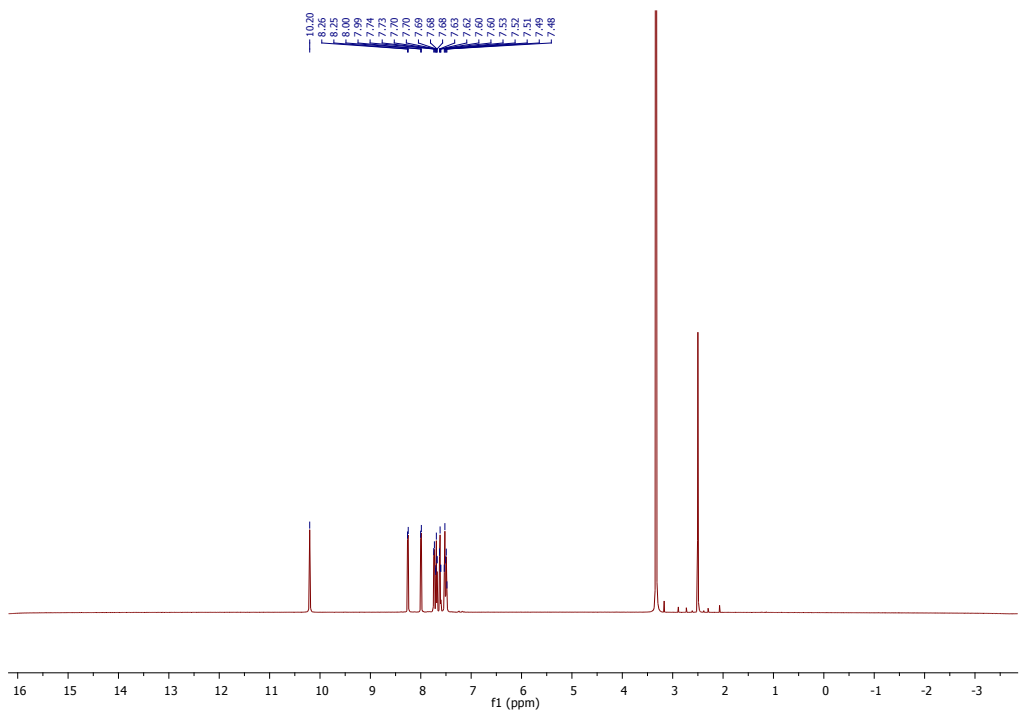


Figure S8. ^1H -NMR spectrum of **L2** in $\text{DMSO-}d_6$.

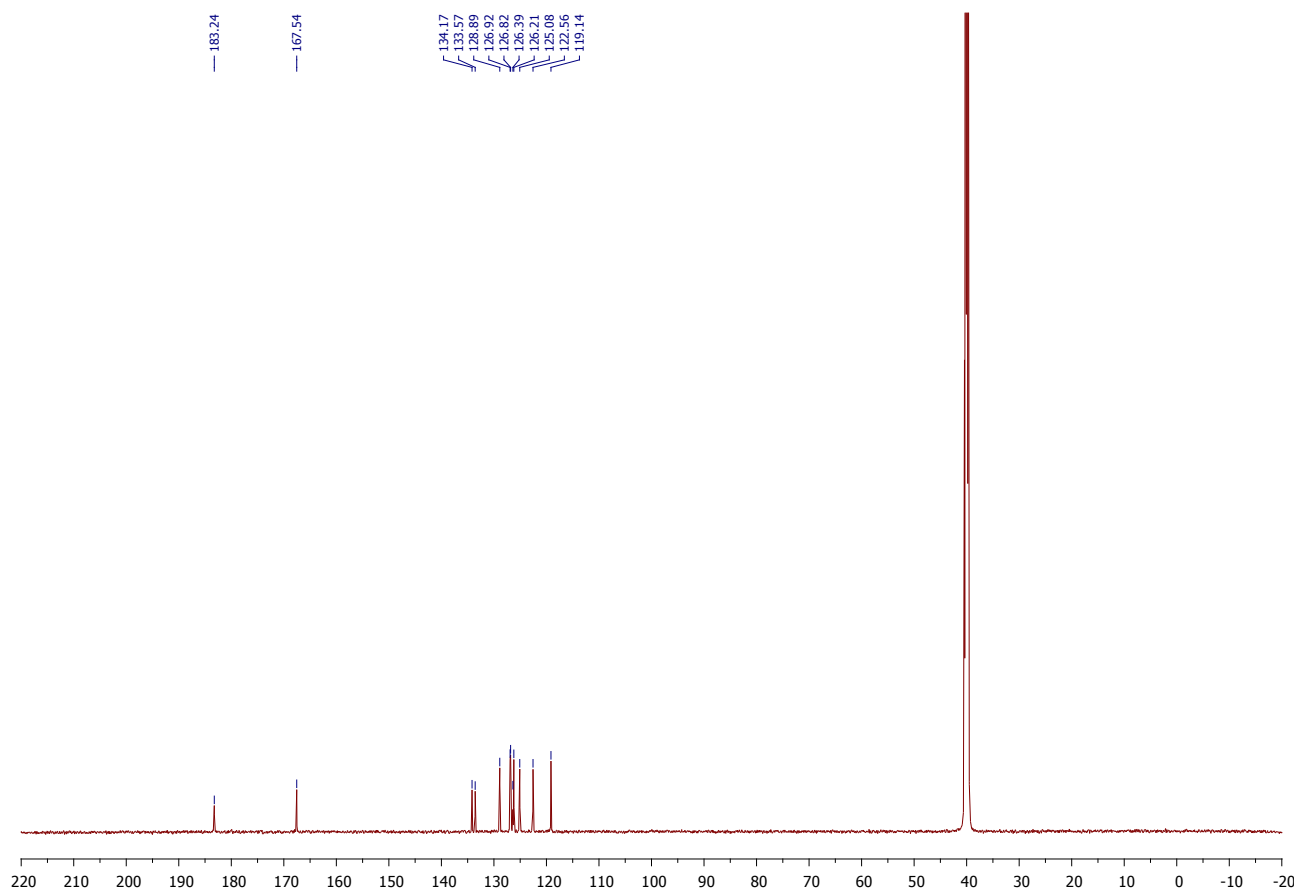


Figure S9. ^{13}C -NMR spectrum of **L2** in $\text{DMSO-}d_6$.

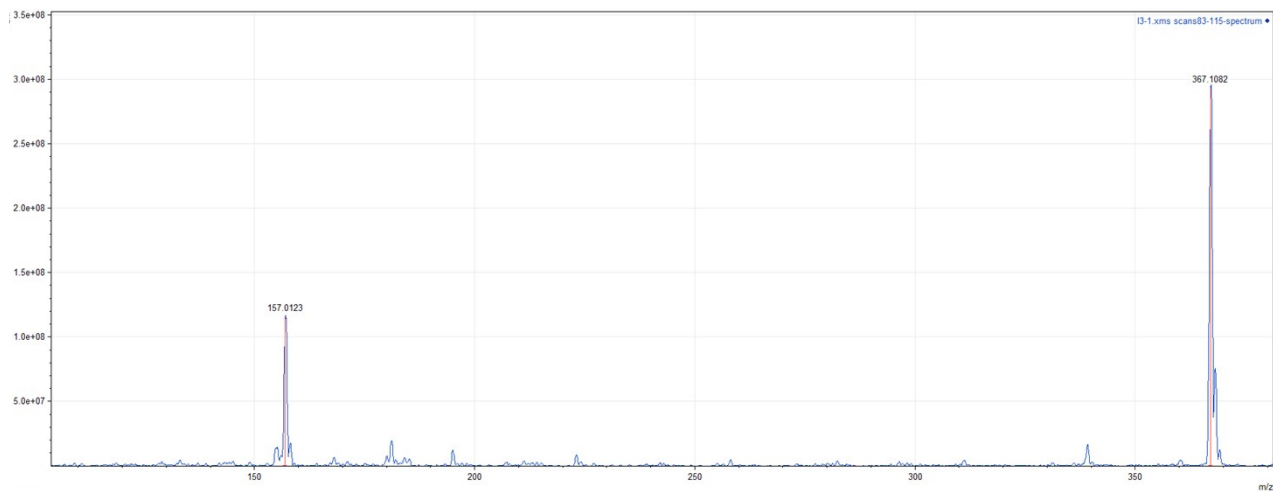


Figure S10. ESI-MS spectrum of **L1**.

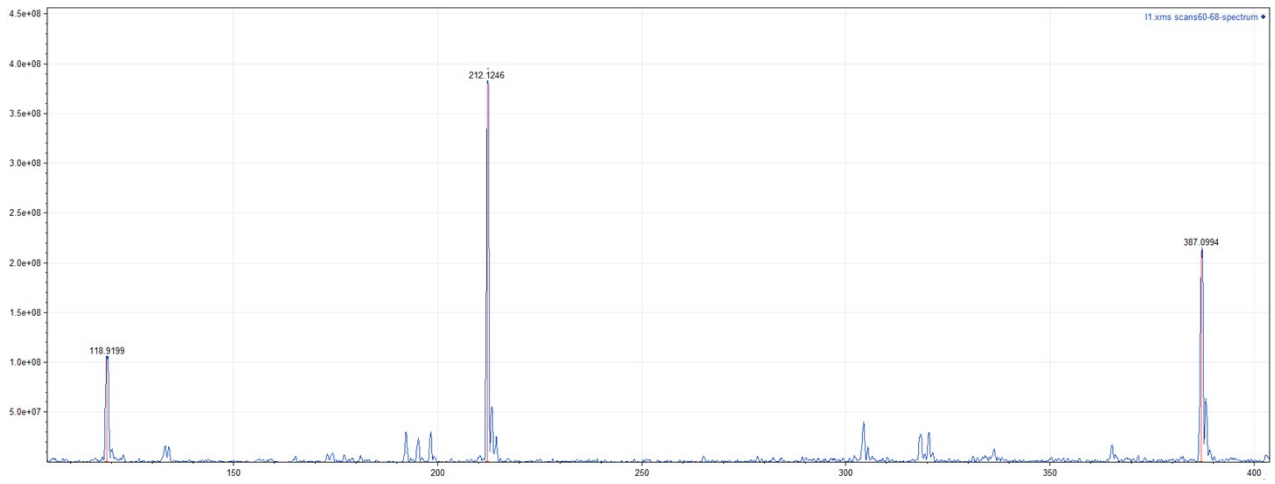


Figure S11. ESI-MS spectrum of **L2**.