

Supplementary Information for:

INVESTIGATING THE POTENTIAL OF FLEXIBLE AND PRE-ORGANIZED TETRAAMIDE
LIGANDS TO ENCAPSULATE ANIONS IN ONE DIMENSIONAL COORDINATION
POLYMERS: SYNTHESIS, SPECTROSCOPIC STUDIES AND CRYSTAL STRUCTURES

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Supplementary Information

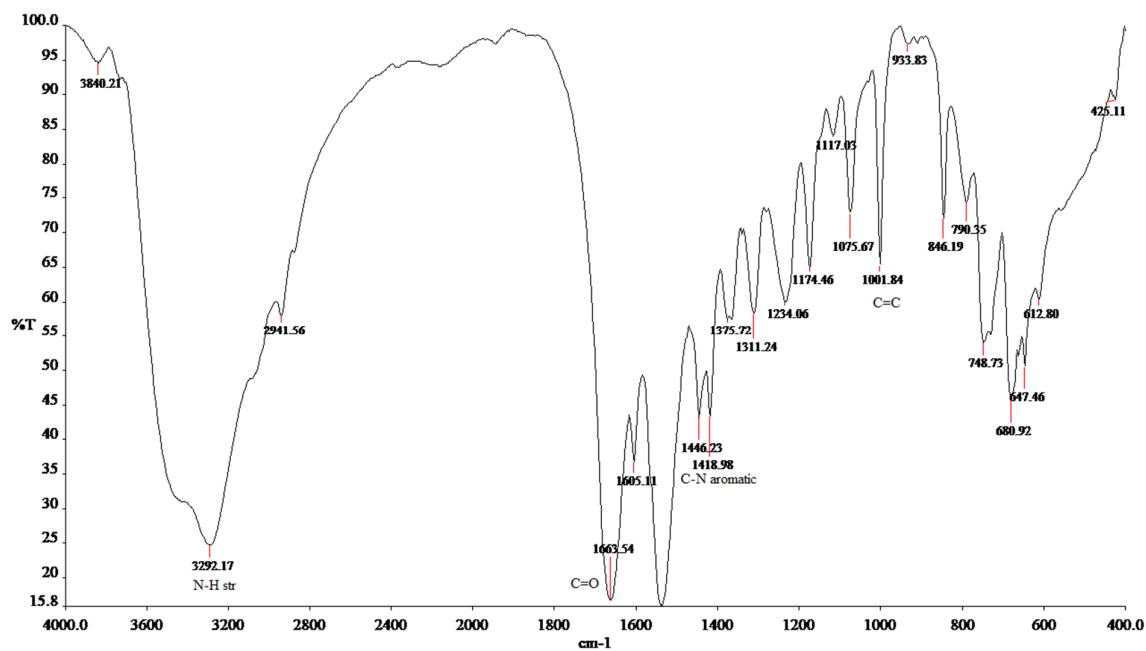


Figure S1. FTIR spectrum of L2

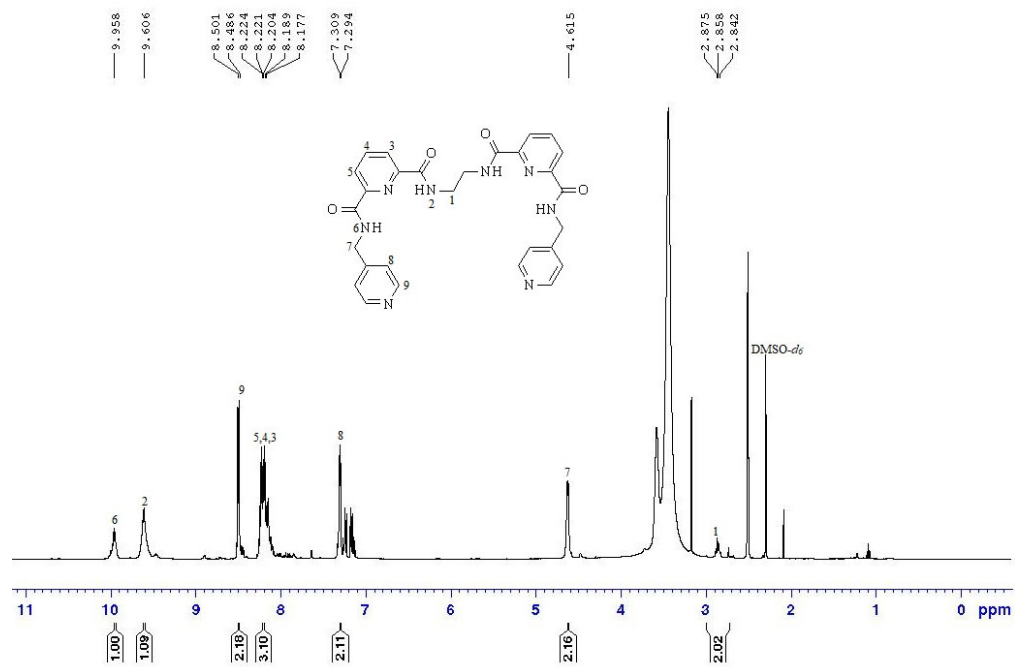


Figure S2. ^1H NMR spectrum of L2

Supplementary Information

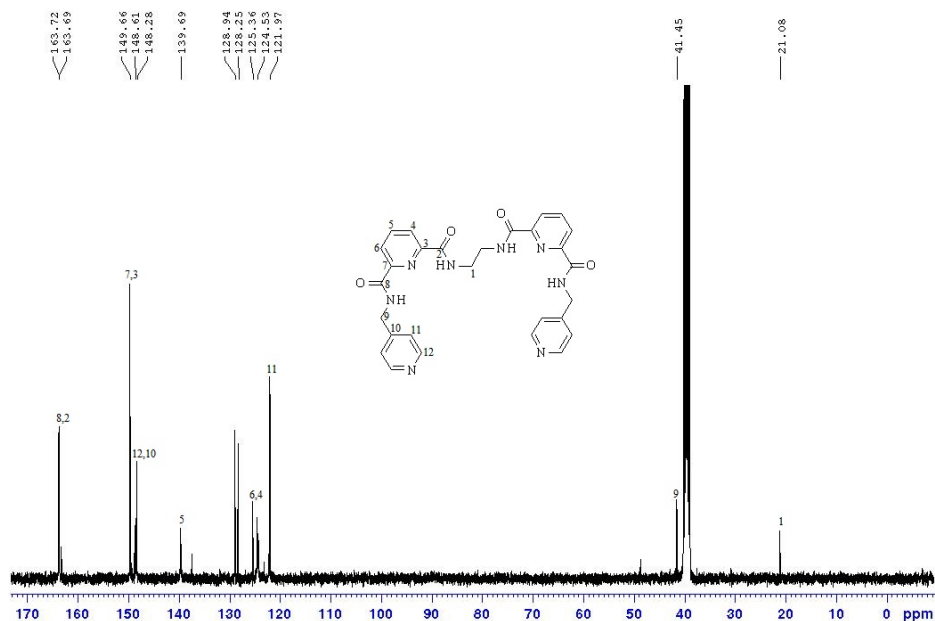


Figure S3. ^{13}C NMR spectrum of L2

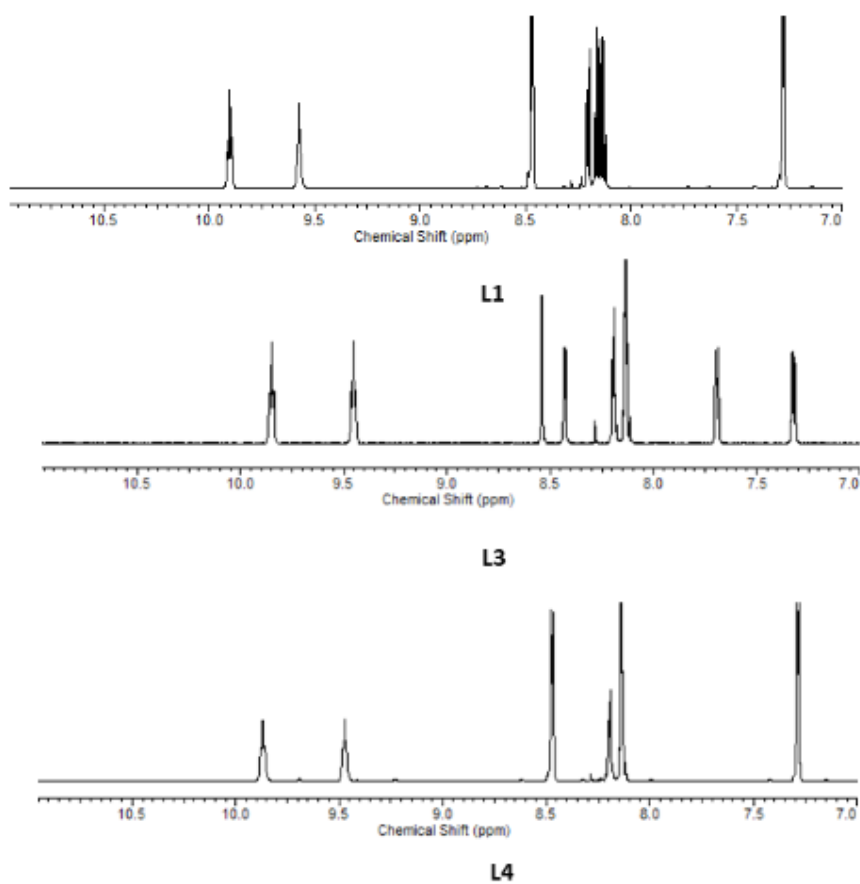
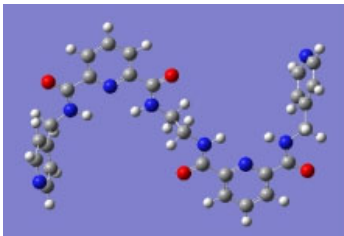
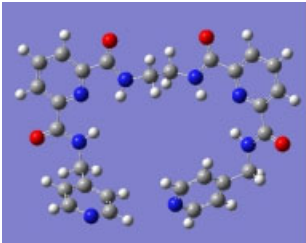


Figure S4. Enlargement of NH and proton pyridine peaks for L1, L3 and L4 in the ^1H NMR spectra

Supplementary Information

Table S1. The comparison of optimization energy between L2 with different shapes

Ligand Shape	Optimization Energy (kJ/mol)
 S-shaped like structure	-4782816.68
 U-shaped like structure	-4782810.91