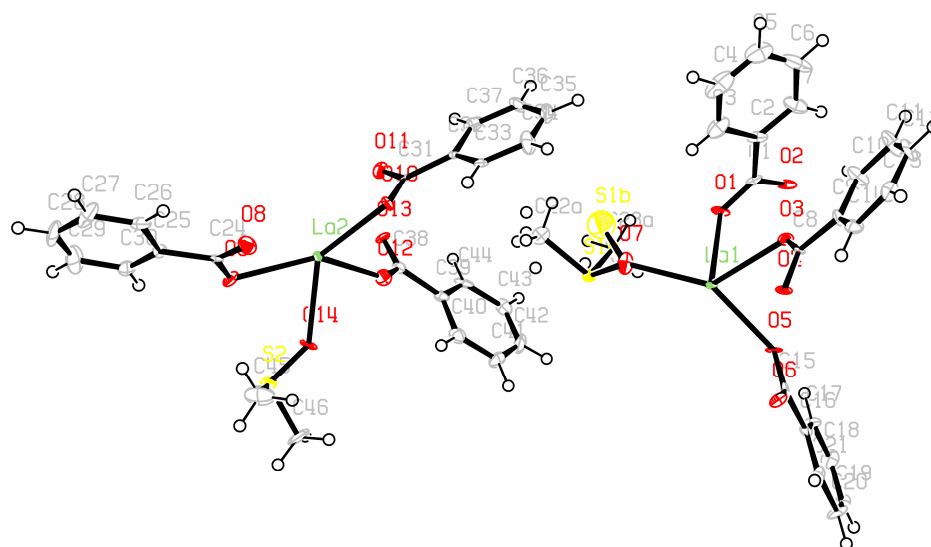


Supporting Information – ORTEP Plots of Asymmetric Units of Structures 1 - 15



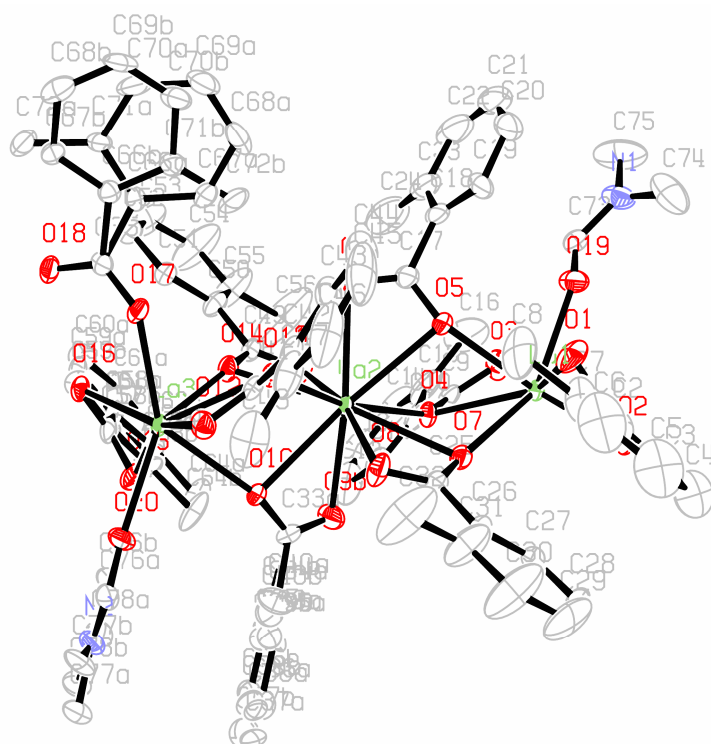


Figure S3: ORTEP representation of the asymmetric unit of [La₃(2-MeBA)₉(DMF)₂]_n **3**. Ellipsoids displayed at 50% probability. Hydrogen atoms omitted for clarity.

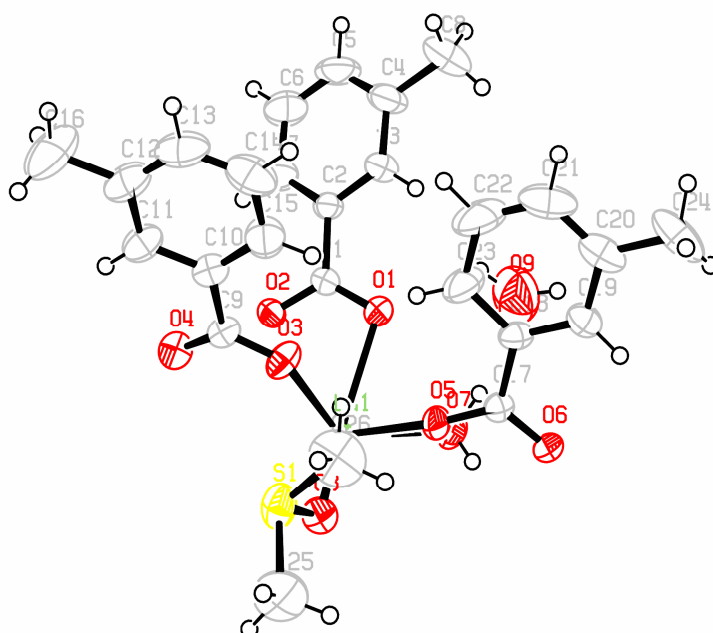
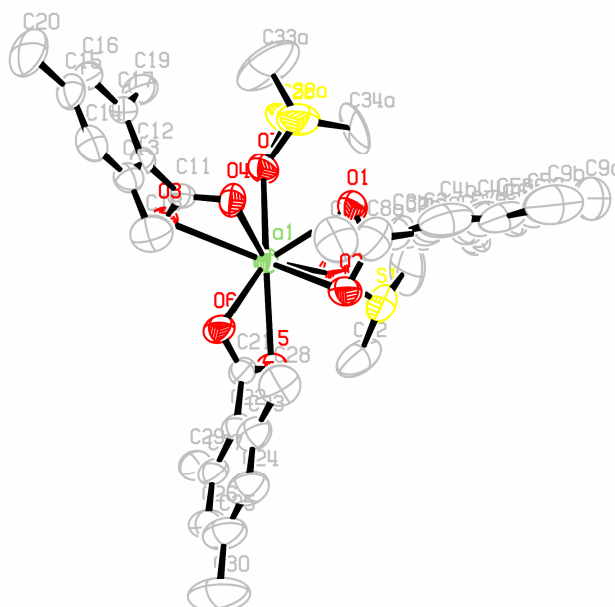
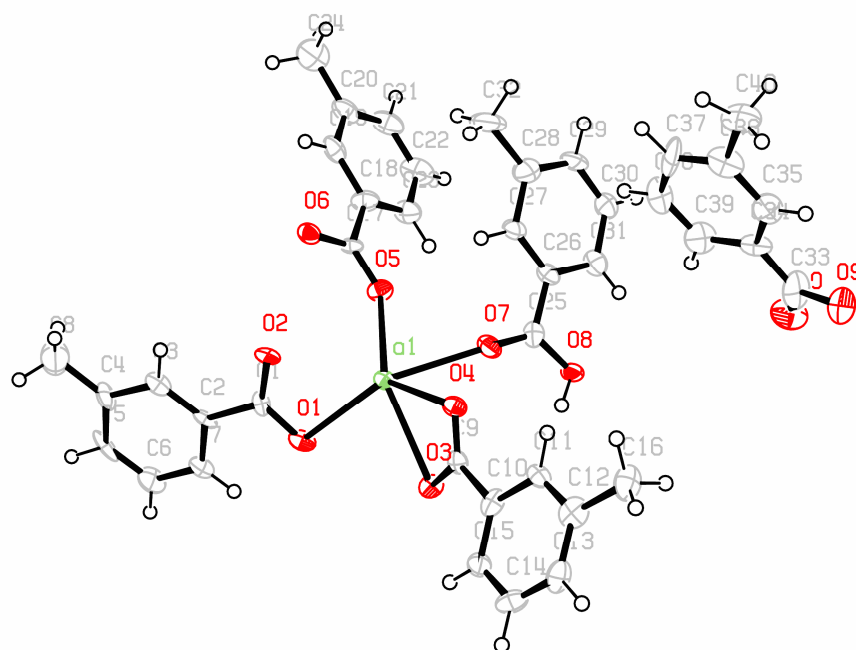


Figure S4: ORTEP representation of the asymmetric unit of {[La(3-MeBA)₃(DMSO)(H₂O)]·H₂O}_n **4**. Ellipsoids displayed at 50% probability.



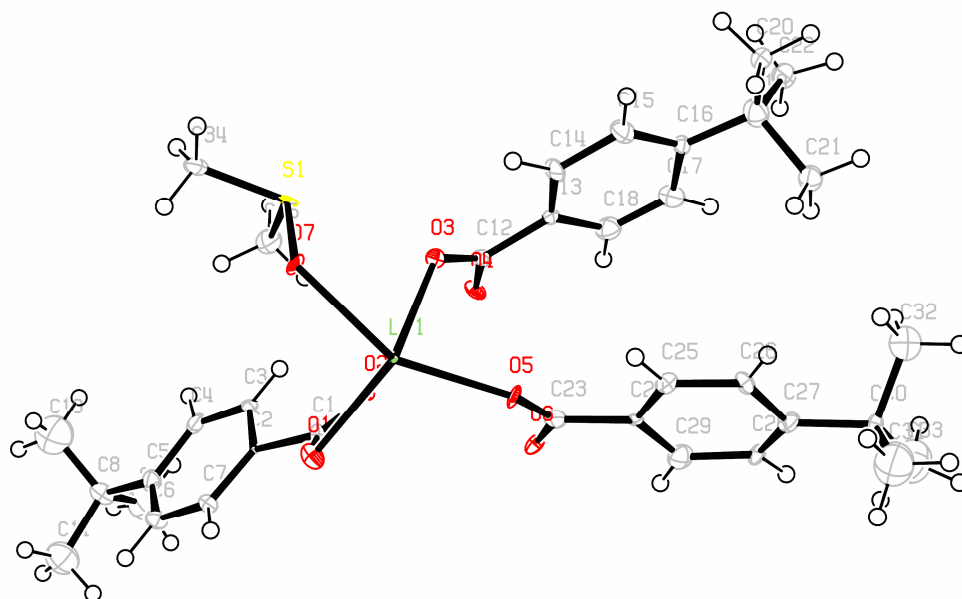


Figure S7: ORTEP representation of the asymmetric unit of $[\text{La}(\text{4-tBuBA})_3(\text{DMSO})]_n$ **7**. Ellipsoids displayed at 50% probability.

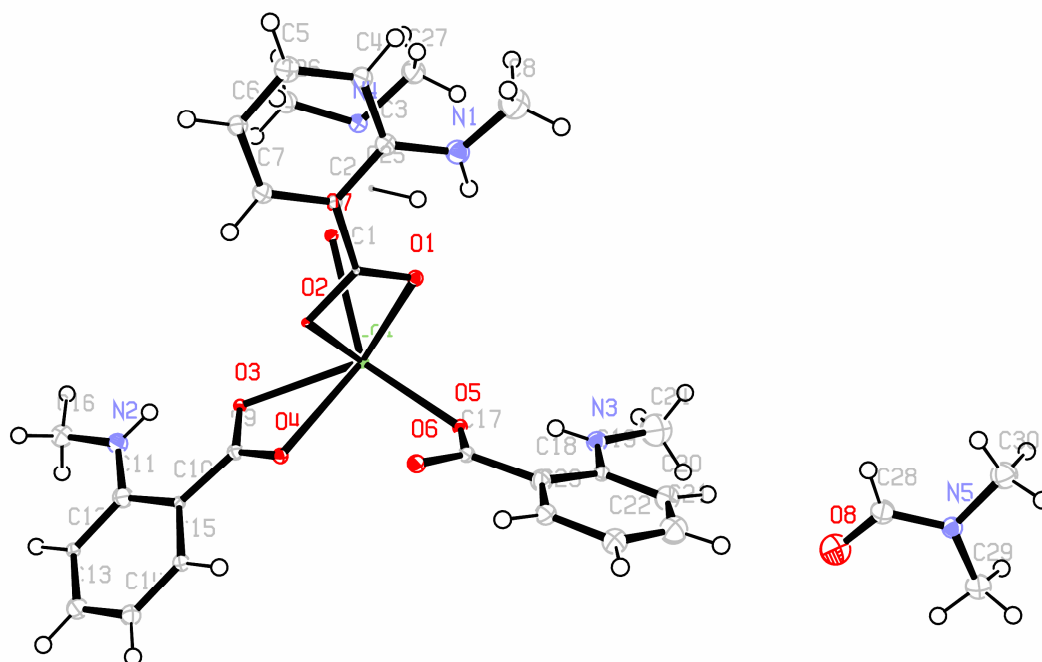


Figure S8: ORTEP representation of the asymmetric unit of $\{[\text{La}(\text{MeNHBA})_3(\text{DMF})] \cdot \text{DMF}\}_n$ **8**. Ellipsoids displayed at 50% probability.

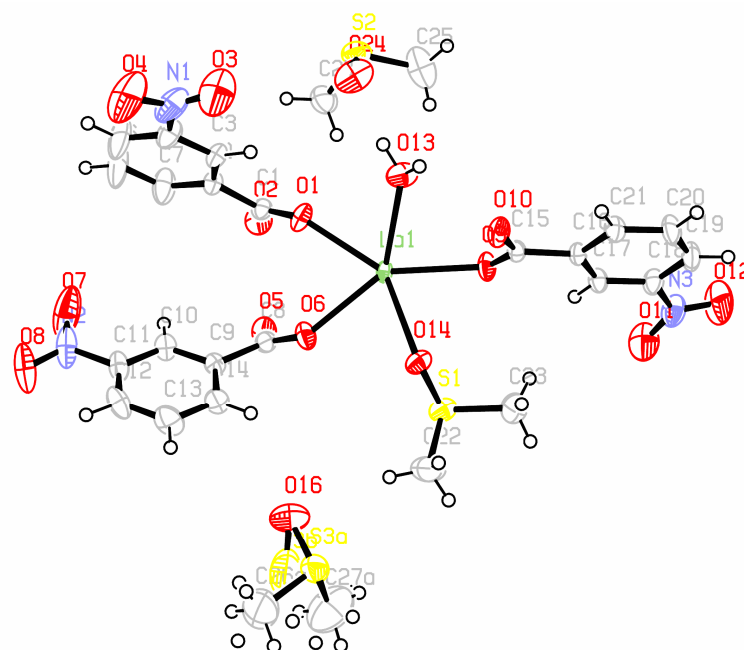


Figure S9: ORTEP representation of the asymmetric unit of {[La(3-NO₂BA)₃(DMSO)(H₂O)]·2DMSO}_n **9**. Ellipsoids displayed at 50% probability.

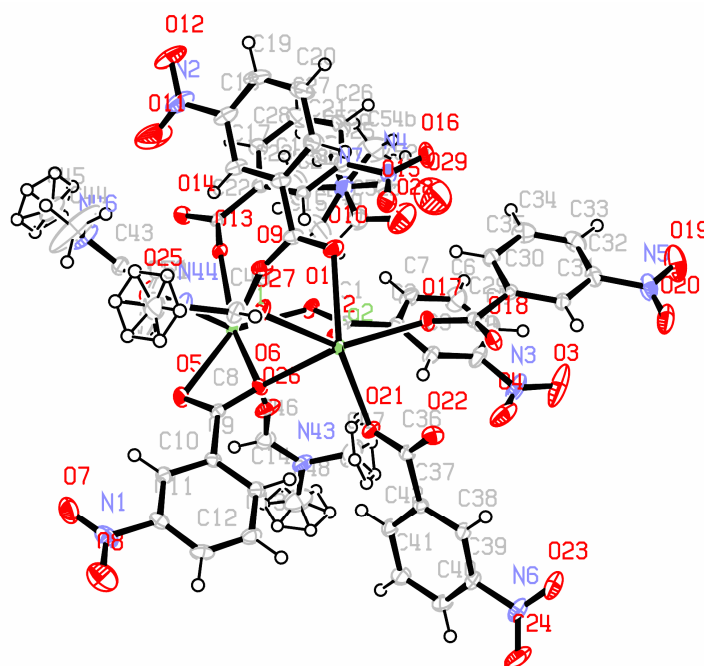


Figure S10: ORTEP representation of the asymmetric unit of {[La₂(3-NO₂BA)₆(DMF)₃]·DMF·H₂O}_n **10**. Ellipsoids displayed at 50% probability.

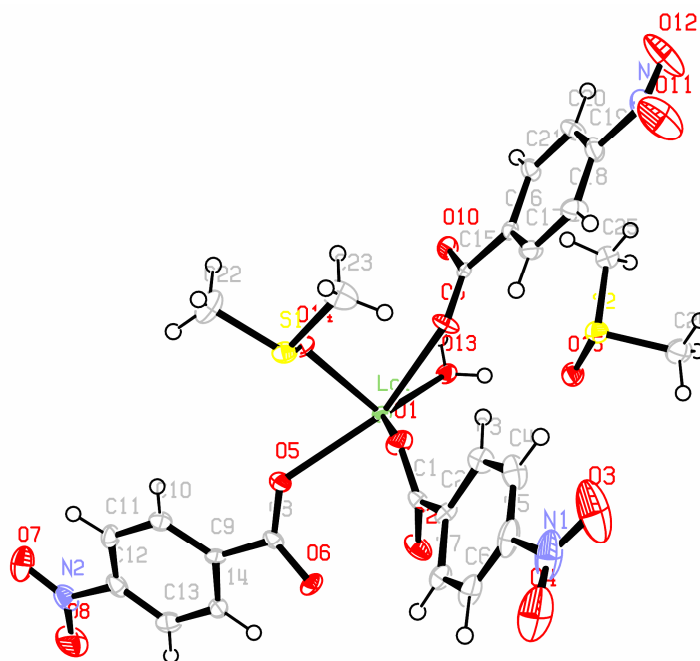


Figure S11: ORTEP representation of the asymmetric unit of {[La(4-NO₂BA)₃(DMSO)(H₂O)]·DMSO}_n **11**. Ellipsoids displayed at 50% probability.

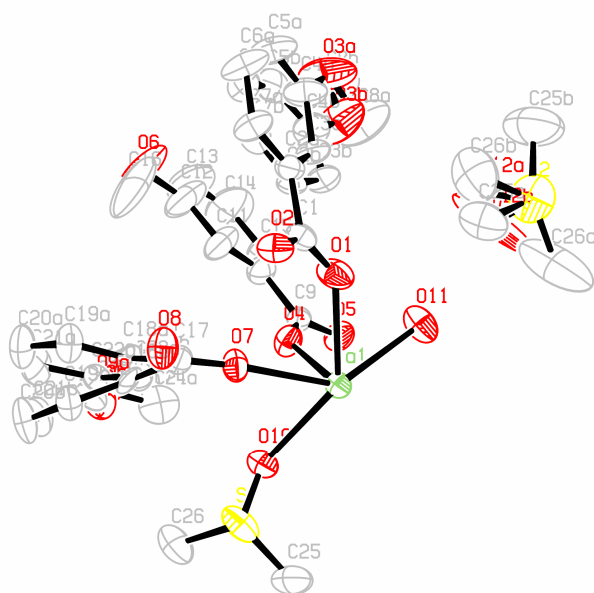


Figure S12: ORTEP representation of the asymmetric unit of {[La(3-MeOBA)₃(DMSO)(H₂O)]·DMSO}_n **12**. Ellipsoids displayed at 50% probability. Hydrogen atoms omitted for clarity.

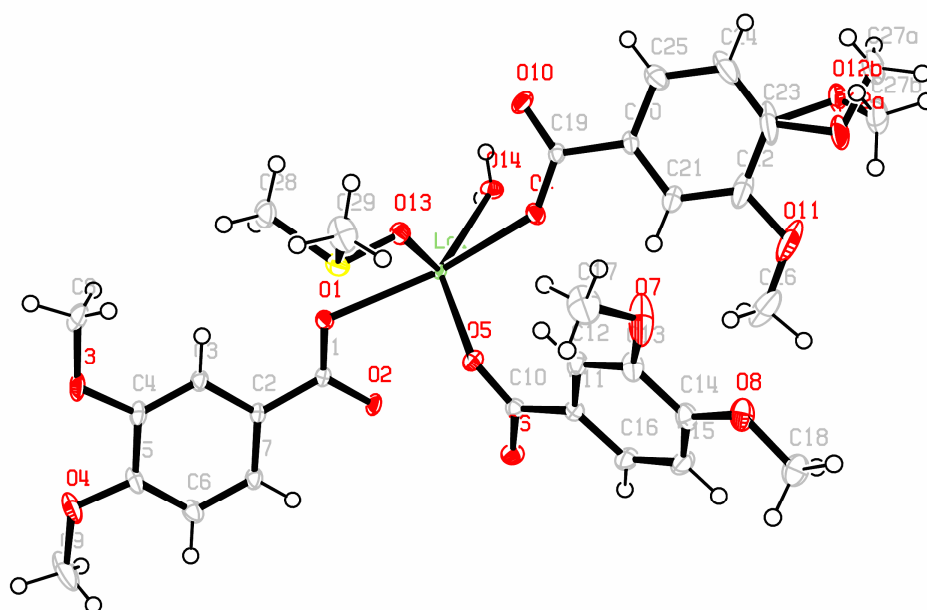


Figure S13: ORTEP representation of the asymmetric unit of [La(3,4-MeO₂BA)₃(DMSO)(H₂O)]_n **13**. Ellipsoids displayed at 50% probability.

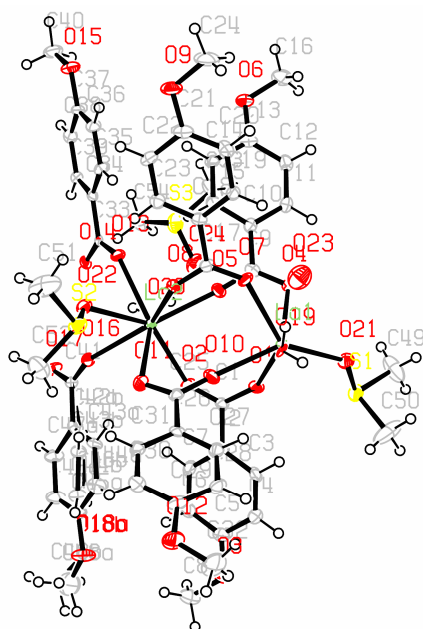


Figure S14: ORTEP representation of the asymmetric unit of {[La₂(4-MeOBA)₆(DMSO)₂(H₂O)₂]·DMSO·H₂O}_n **14**. Ellipsoids displayed at 50% probability.

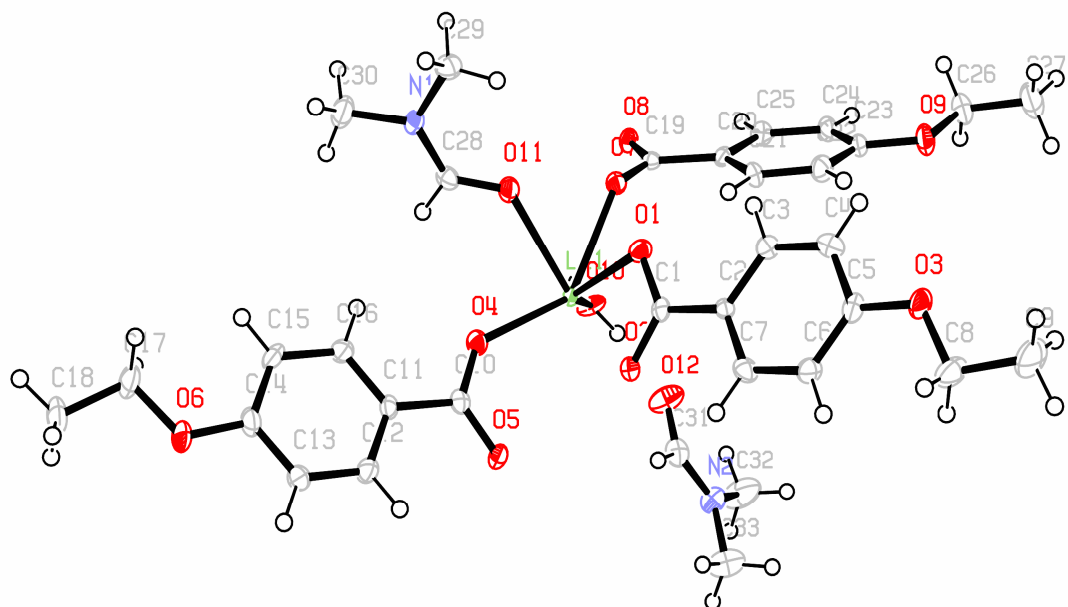


Figure S15: ORTEP representation of the asymmetric unit of $\{[La(4-EtOBA)_3(DMF)(H_2O)] \cdot DMF\}_n$ **15**. Ellipsoids displayed at 50% probability.