Supporting Information for

An Amino Acid Metal-Organic Framework with LCY Topology as Ecofriendly Catalyst for CO₂ Transformation to Cyclic Carbonate: Mechanistic Insights with Structure - DFT Correlations.

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Figure S1. FT-IR spectra of ZnGlu(P)



Figure S2. (a) XPS analysis of ZnGlu with Zn2p scan (inset) and (b) N1s scan



Figure S3. TGA curves for the as-synthesized ZnGlu, pore-evacuated sample and methanolcontaining samples.



Figure S4. Nitrogen adsorption-desorption isotherm for ZnGlu at 77K.



Figure S5. Carbon dioxide uptake at 273K.