

Layer-by-Layer Grafting Dye on Chiral MOF Thin Films for Circularly Polarized Luminescence

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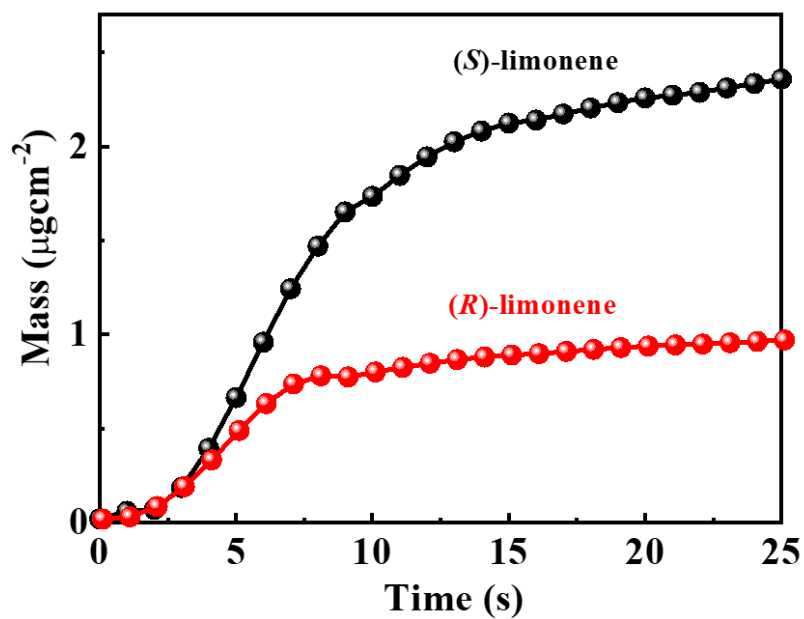


Figure S1. Mass uptake results of (*R*)- or (*S*)-limonene for $\text{Zn}_2(\text{Lcam})_2\text{Pr-NH}_2$ measured by QCM technique

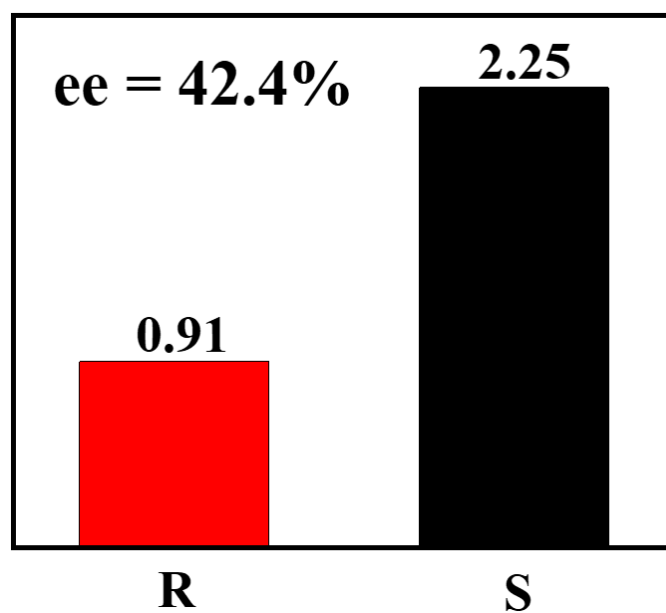


Figure S2. The histogram of mass uptake results for (*R*)- or (*S*)-limonene.

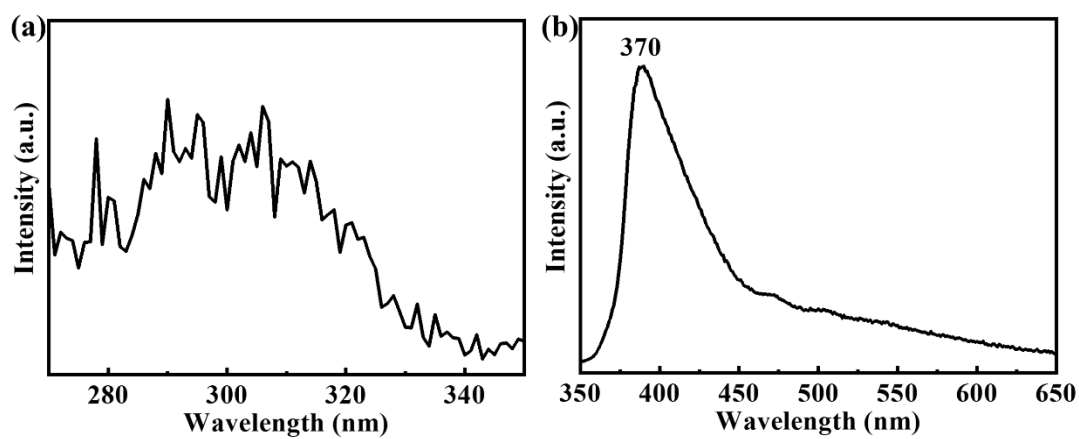


Figure S3. The excitation (a) and photoluminescent emission (b) spectra of aminopyrazine (Pr-NH₂).

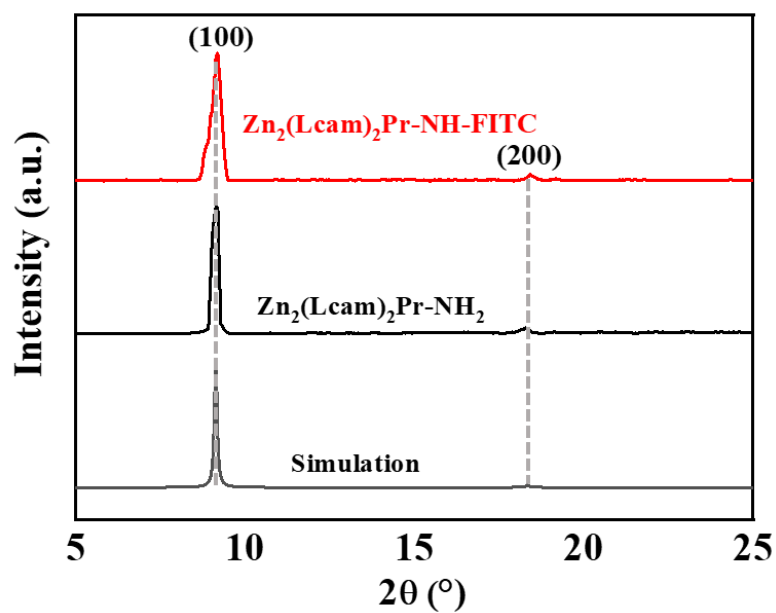


Figure S4. XRD spectra of $\text{Zn}_2(\text{Lcam})_2\text{Pr-NH}_2$ and $\text{Zn}_2(\text{Lcam})_2\text{Pr-NH-FITC}$.

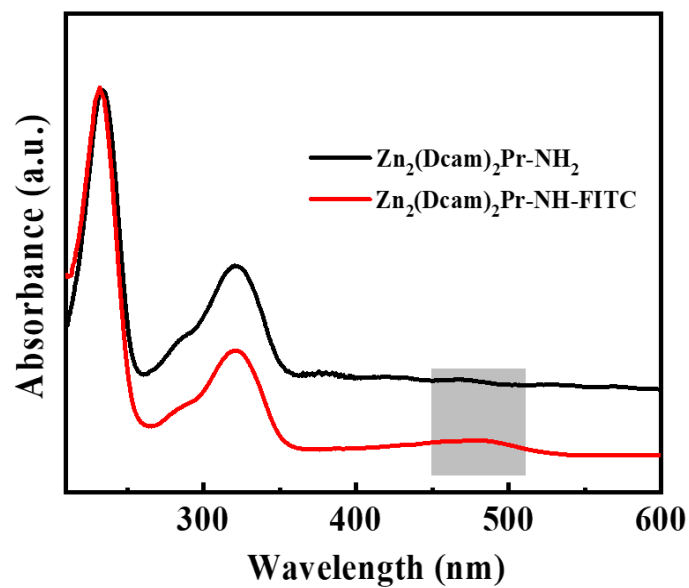


Figure S5. UV spectra of $\text{Zn}_2(\text{Dcam})_2\text{Pr-NH}_2$ and $\text{Zn}_2(\text{Dcam})_2\text{Pr-NH-FITC}$.

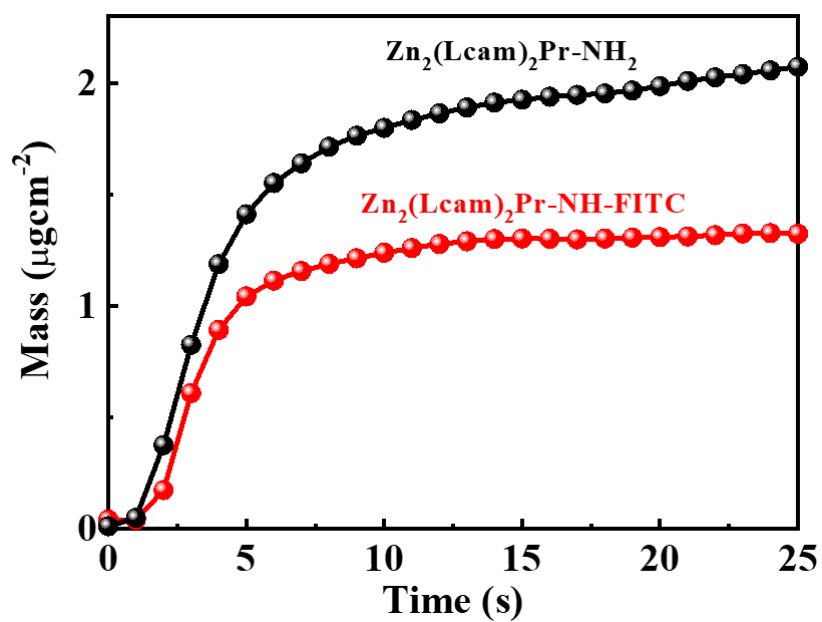


Figure S6. Comparison of ethanol uptake for $\text{Zn}_2(\text{Lcam})_2\text{Pr-NH}_2$ and $\text{Zn}_2(\text{Lcam})_2\text{Pr-NH-FITC}$ measured by QCM technology.

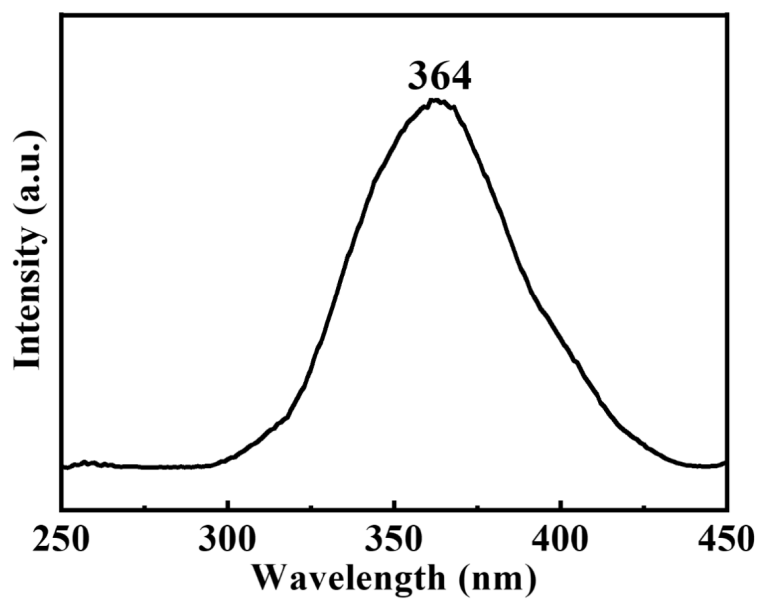


Figure S7. The excitation spectra of Fluorescein Isothiocyanate (FITC).

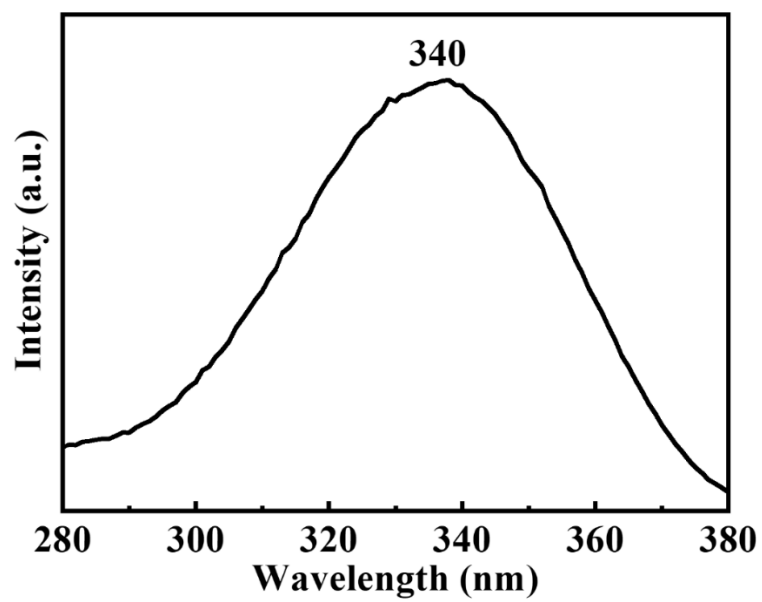


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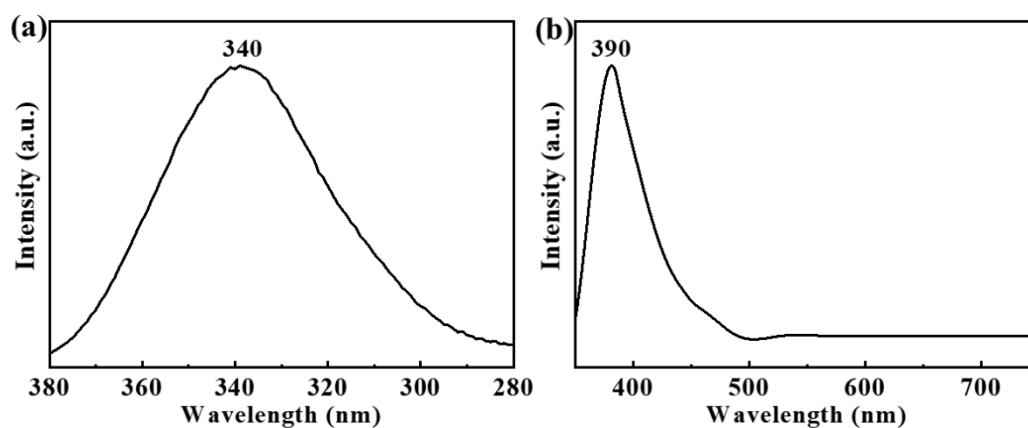


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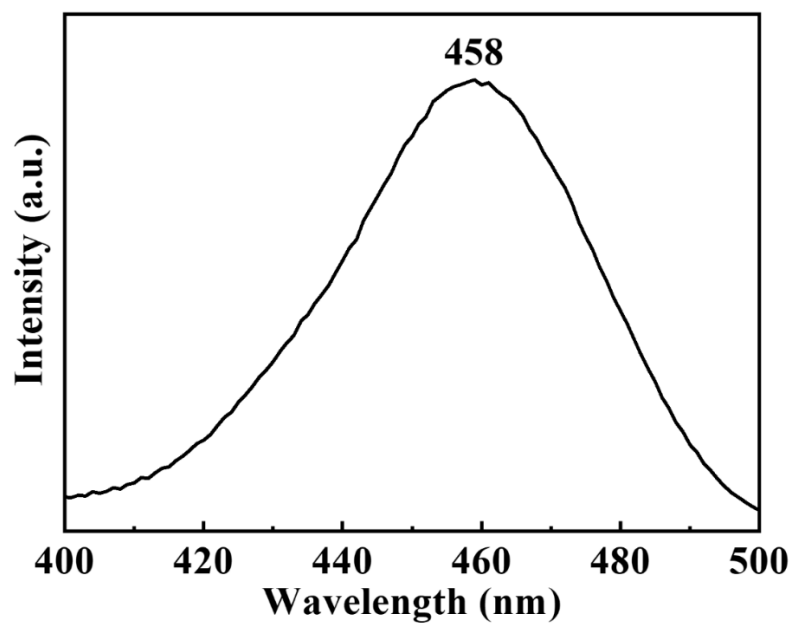


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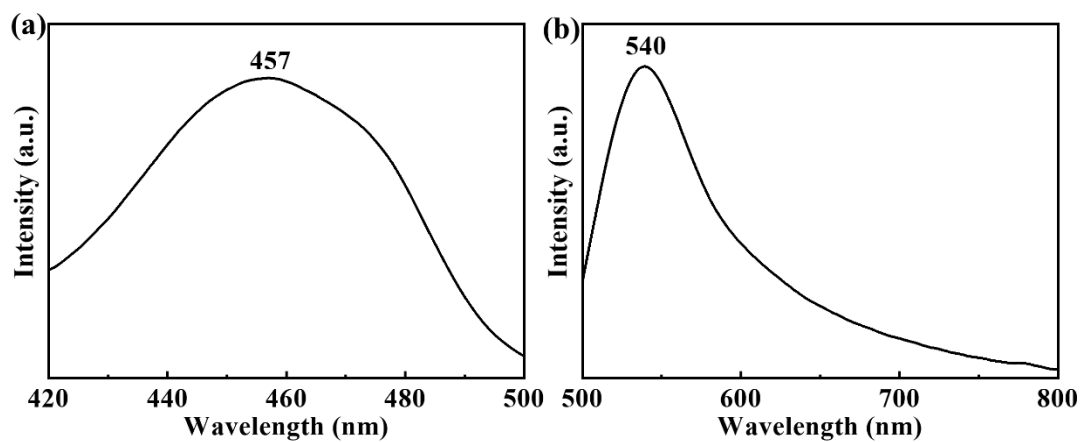


Figure S11. The excitation (a) and photoluminescent emission (b) spectra of $\text{Zn}_2(\text{Lcam})_2\text{Pr-NH-FITC}$.

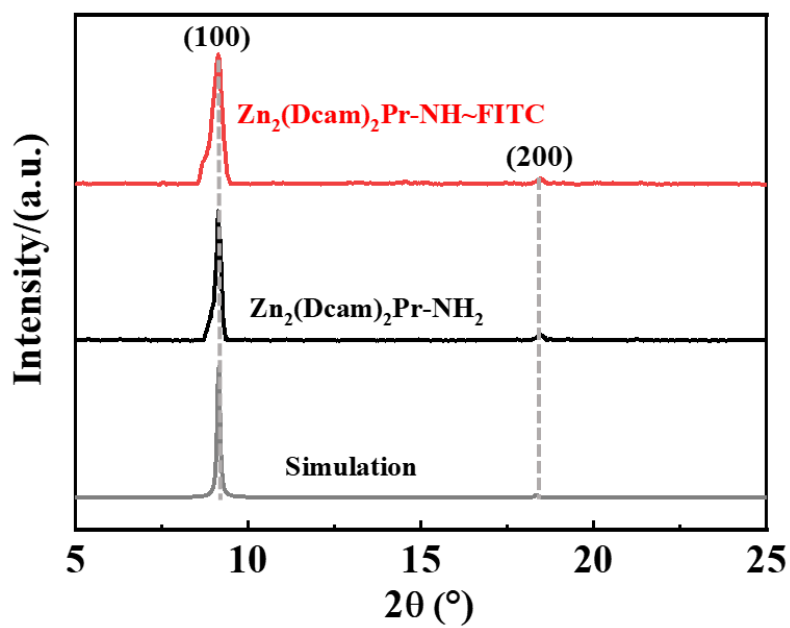


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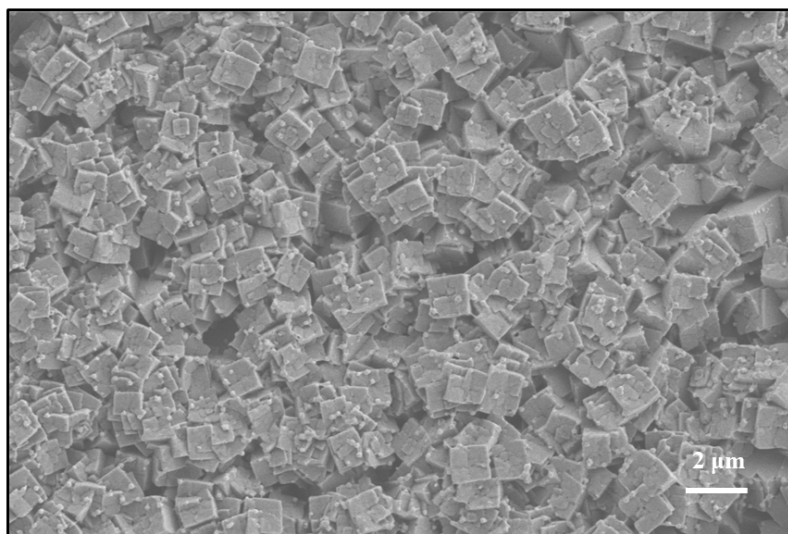


Figure S13. SEM image of Zn₂(Dcam)₂Pr-NH-FITC.

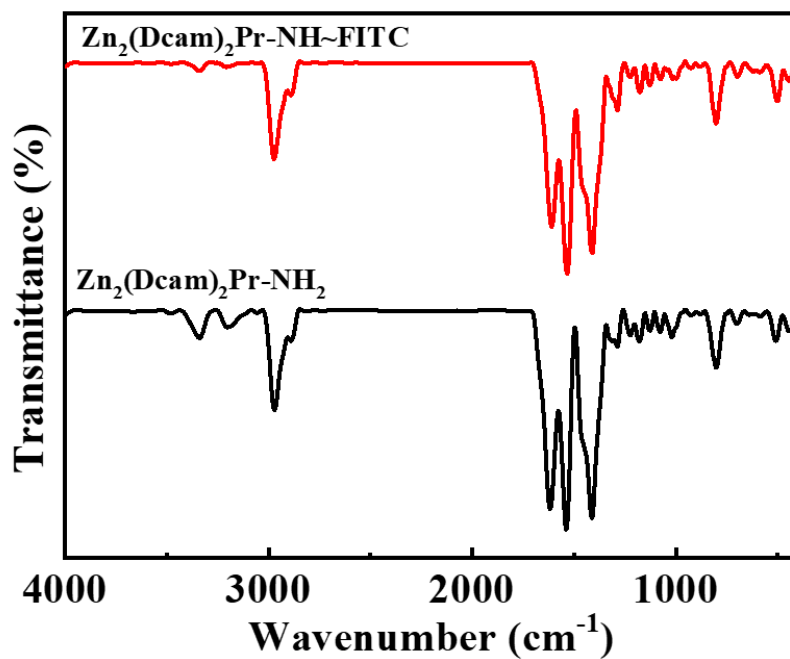


Figure S14. IR spectra of $\text{Zn}_2(\text{Dcam})_2\text{Pr-NH}_2$ and $\text{Zn}_2(\text{Dcam})_2\text{Pr-NH}\sim\text{FITC}$.

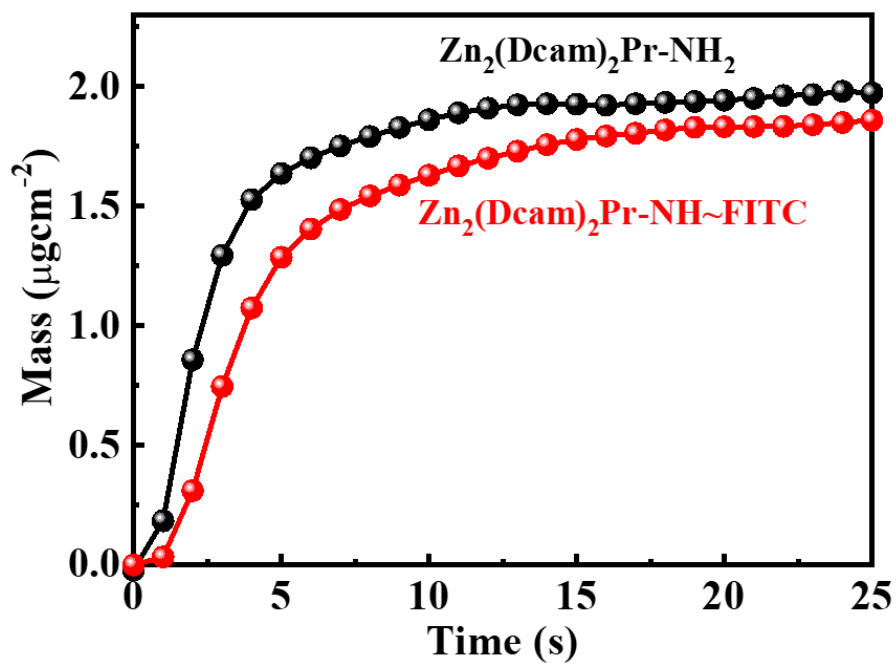


Figure S15. Comparison of ethanol uptake for $\text{Zn}_2(\text{Dcam})_2\text{Pr-NH}_2$ and $\text{Zn}_2(\text{Dcam})_2\text{Pr-NH}\sim\text{FITC}$ measured by QCM technology.