

Electronic Supplementary Information (ESI) for:

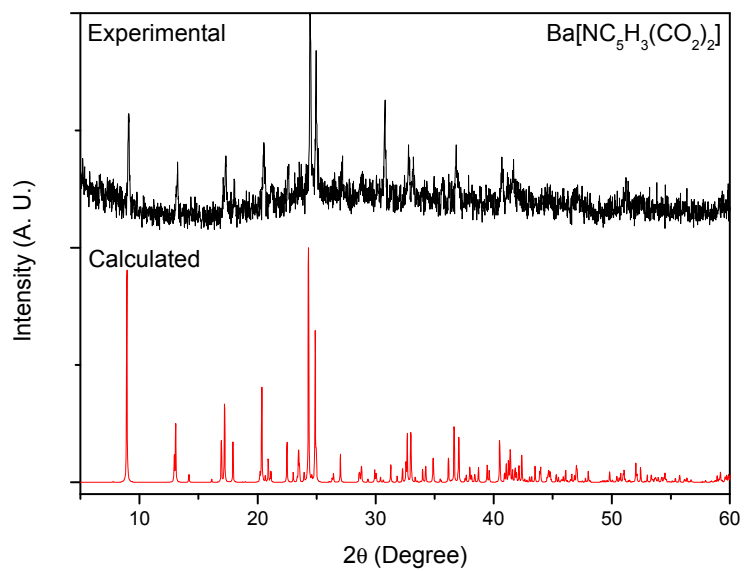
New alkali earth metal-organic frameworks with very high thermal stability: Synthesis, crystal structure, and characterization of
AE[NC₅H₃(CO₂)₂] (AE = Ba or Sr)

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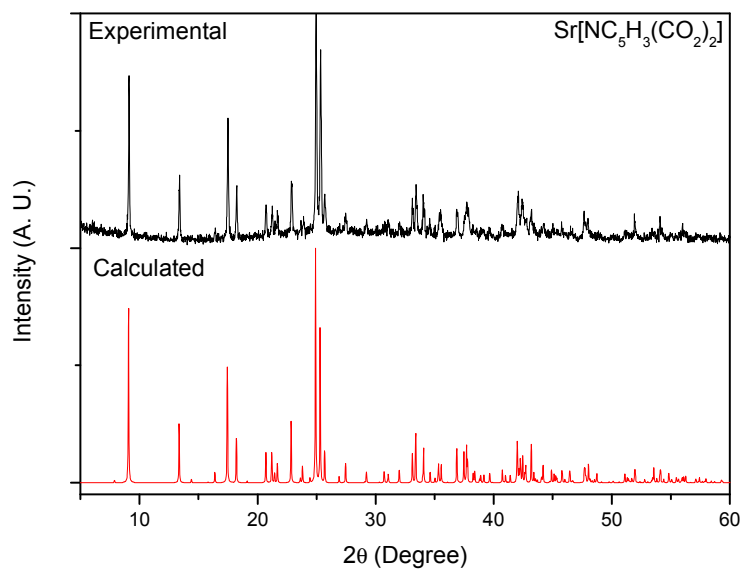
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- S1. Experimental and calculated powder X-ray diffraction patterns for Ba[NC₅H₃(CO₂)₂]
- S2. Experimental and calculated powder X-ray diffraction patterns for Sr[NC₅H₃(CO₂)₂]
- S3. IR vibrations (cm⁻¹) for Ba[NC₅H₃(CO₂)₂]
- S4. IR vibrations (cm⁻¹) for Sr[NC₅H₃(CO₂)₂]
- S5. Nitrogen gas adsorption isotherm for Ba[NC₅H₃(CO₂)₂] at 77 K

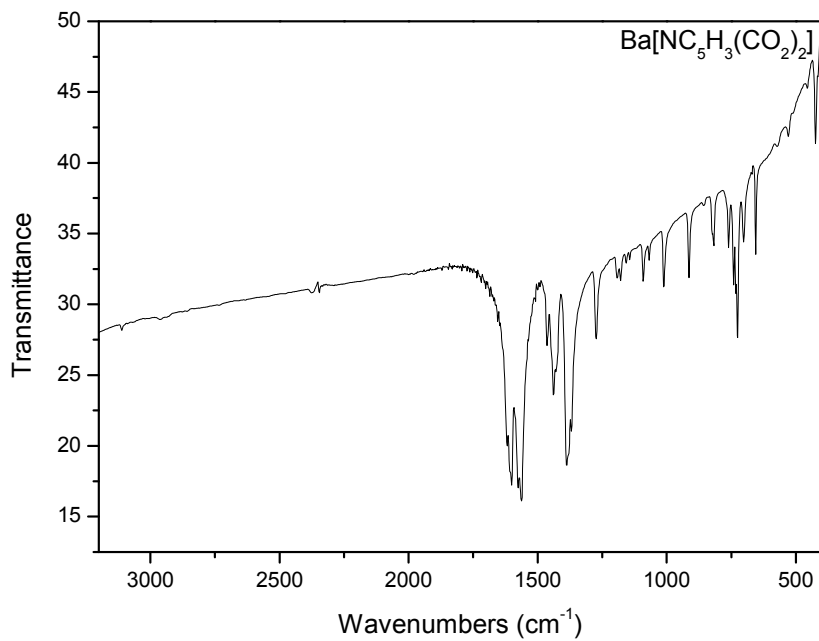
S1. Experimental and calculated powder X-ray diffraction patterns for Ba[NC₅H₃(CO₂)₂]



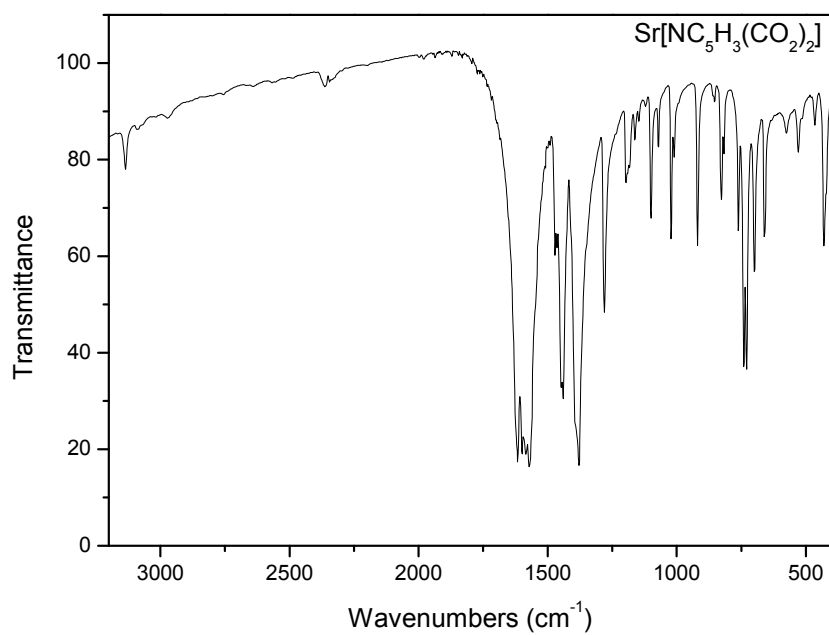
S2. Experimental and calculated powder X-ray diffraction patterns for Sr[NC₅H₃(CO₂)₂]



S3. IR vibrations (cm^{-1}) for $\text{Ba}[\text{NC}_5\text{H}_3(\text{CO}_2)_2]$



S4. IR vibrations (cm^{-1}) for $\text{Sr}[\text{NC}_5\text{H}_3(\text{CO}_2)_2]$



S5. Nitrogen gas adsorption isotherm for Ba[NC₅H₃(CO₂)₂] at 77 K

