Electronic Supplementary Information (ESI) for:

**CAU-1 and CAU-2: New tubular alkali metal-organic framework materials, A₃[C₆H₃(CO₂)(CO₂H₀.₅)(CO₂H)]₂ (A = K or Rb)**

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S1. Experimental and calculated powder X-ray diffraction patterns for CAU-1
S2. Experimental and calculated powder X-ray diffraction patterns for CAU-2
S3. ORTEP (50% probability ellipsoids) drawing of CAU-1
S4. Thermogravimetric analysis diagram for CAU-1
S5. Thermogravimetric analysis diagram for CAU-2
S6. IR vibrations (cm⁻¹) for CAU-1
S7. IR vibrations (cm⁻¹) for CAU-1
S8. Nitrogen gas adsorption isotherm for CAU-1 at 77 K
S1. Experimental and calculated powder X-ray diffraction patterns for CAU-1

![Experimental and calculated powder X-ray diffraction pattern for CAU-1](image1)

S2. Experimental and calculated powder X-ray diffraction patterns for CAU-2

![Experimental and calculated powder X-ray diffraction pattern for CAU-2](image2)
S3. ORTEP (50% probability ellipsoids) drawing of CAU-1
S4. Thermogravimetric analysis diagram for CAU-1

S5. Thermogravimetric analysis diagram for CAU-2
S6. IR vibrations (cm$^{-1}$) for CAU-1

![Graph 1](image_url)

S7. IR vibrations (cm$^{-1}$) for CAU-1

![Graph 2](image_url)
S8. Nitrogen gas adsorption isotherm for CAU-1 at 77 K