

Supporting Information
for
A New Acceptor-Bridge-Donor (A-B-D) Strategy for
Enhancing NLO Response with Long Range Excess Electron
Transfer from the NH₂···M/M₃O Donor (M = Li, Na, K) to
Inside the Electron Hole Cage C₂₀F₁₉ Acceptor through the
Unusual σ Chain Bridge (CH₂)₄

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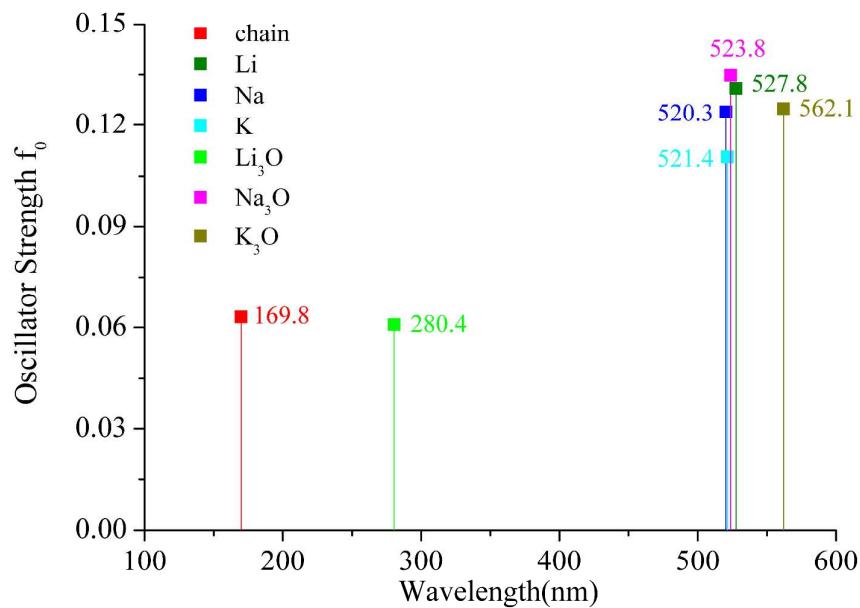


Figure S1. The doping effect of max absorption peak for electron spectra.

Li_3O brings the smaller red shift from 169.8 to 280.4 (nm), the others locate about 520-560 nm and bring larger red shifts.

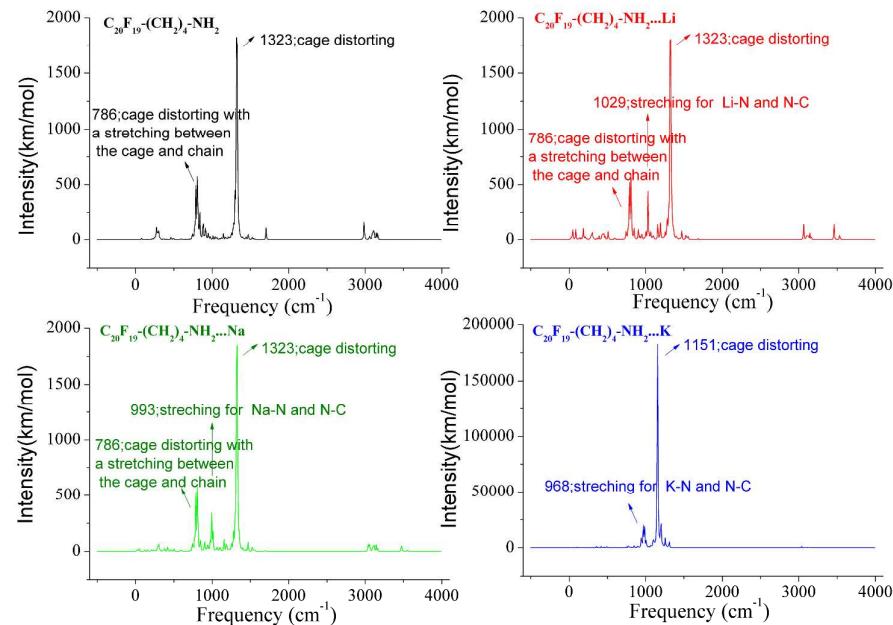


Figure S2. The vibrational spectra for alkali doped systems. The wave number for N-M peaks decreases with alkali atomic number.

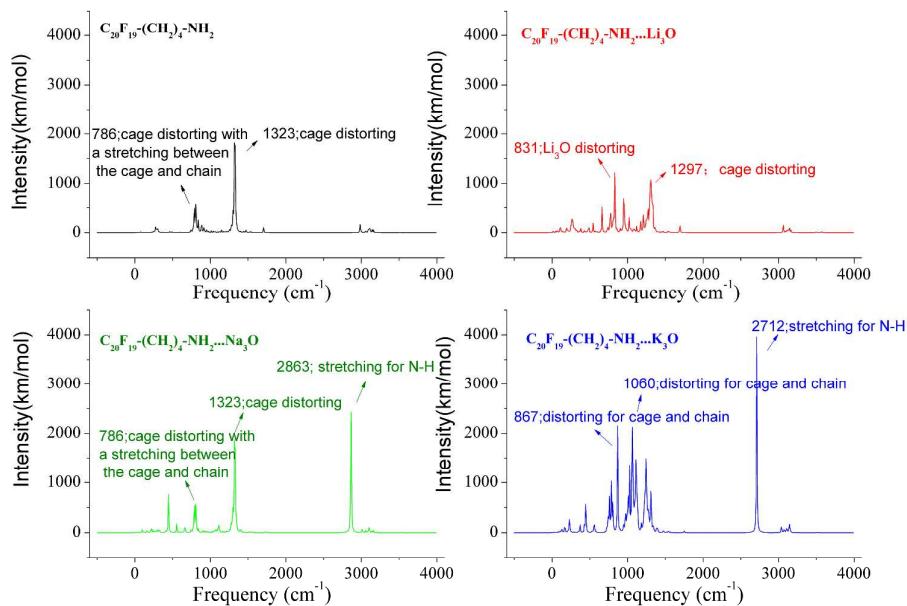


Figure S3. The vibrational spectra for super-alkali doped systems. The wave number for N-M peaks decreases with alkali atomic number. Li₃O distorting peak occurs due to it doping on the chain, Na₃O and K₃O doping on the chain end are close to a hydrogen atom lead to a shorter N-H bond, so strong peaks of 2863 and 2712 nm occur.

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