

A New Charge-Ordered Molecular Conductor: κ -(BEDT-TTF) $_2$ K $^+$ (18-crown-6)[Co II (NCS) $_4$](H $_2$ O)

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Supporting Information

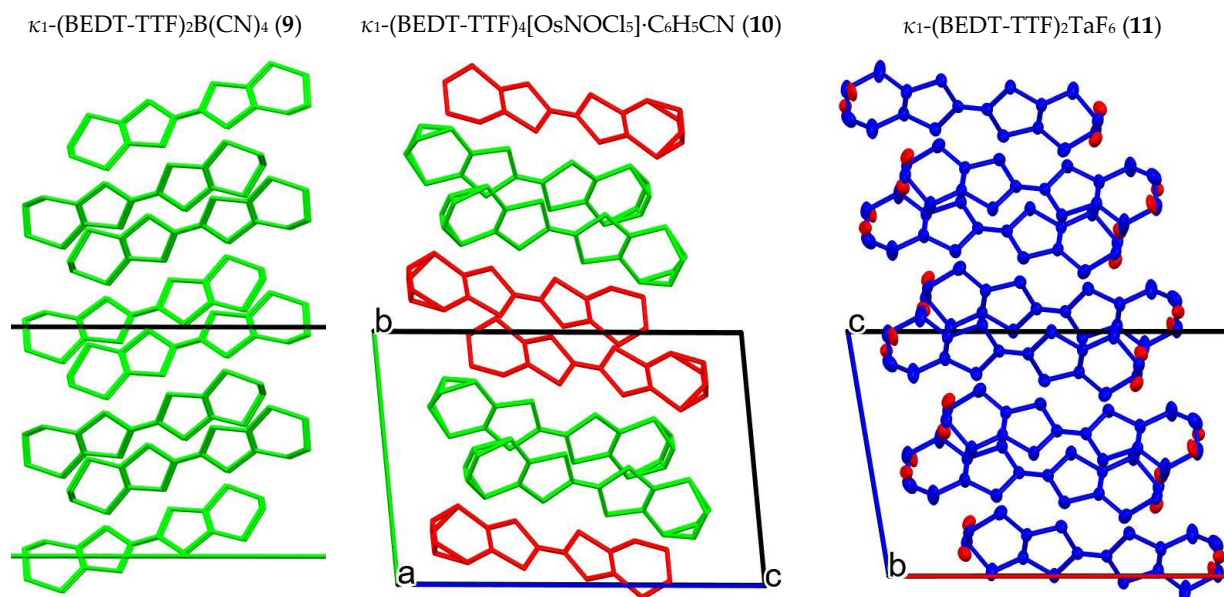


Figure S1. Side projection of radical cation (conductive) layers of salts 9-11 visualizing indents modifying ET layers in the direction that is perpendicular to the direction of layer expansion [S1-S3]. New annotation scheme - κ_N , where N is a number of indents is applied here. Different colors denote unequivalent molecules. Hydrogens are hidden for clarity.

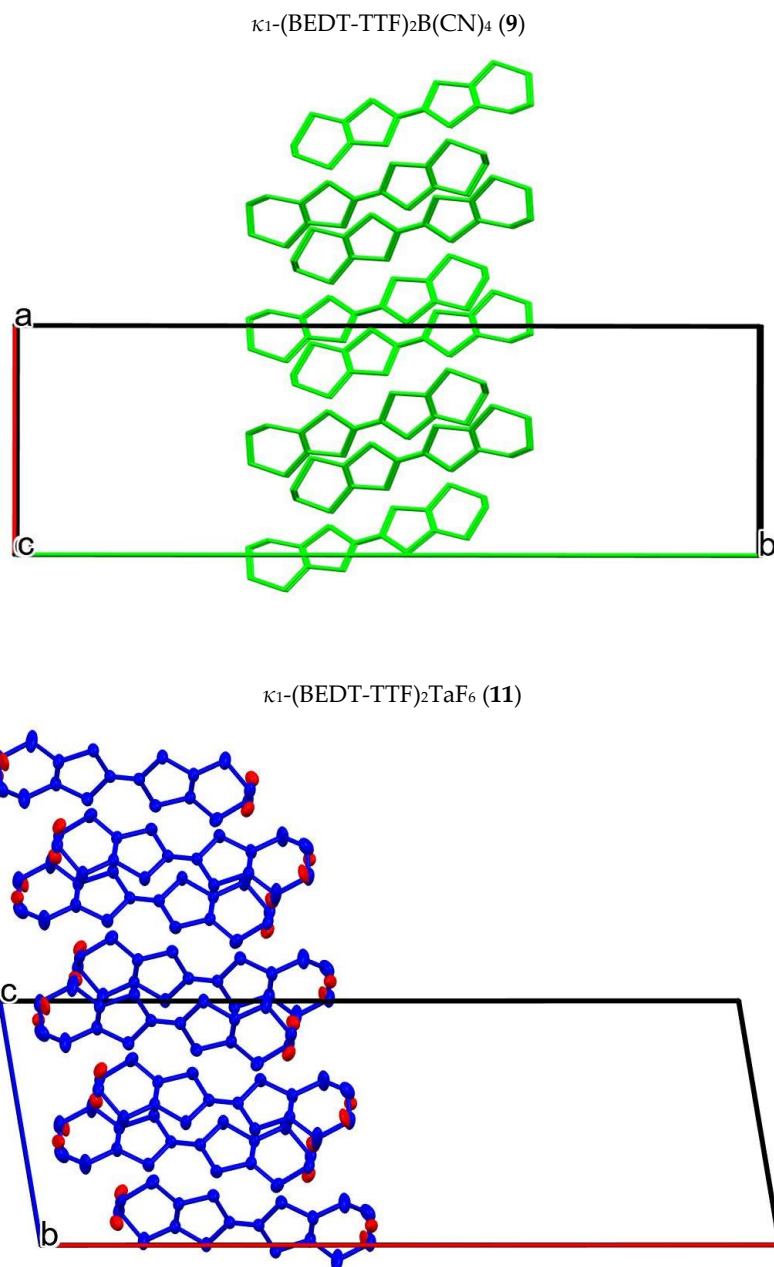


Figure S2. Side view of radical cation (conductive) layers of salts **9** and **11** with cell vectors uncut.

References

- S1. Yukihiro Yoshida, Hiroshi Ito, Mitsuhiro Maesato, Yasuhiro Shimizu, Hiromi Hayama, Takaaki Hiramatsu, Yuto Nakamura, Hideo Kishida, Takashi Koretsune, Chisa Hotta, Gunzi Saito. CCDC 964552 (QUJSAR). *Experimental Crystal Structure Determination* **2015**, DOI: [10.5517/cc11cplp](https://doi.org/10.5517/cc11cplp).
- S2. S.V.Simonov, I.Yu.Shevyakova, L.V.Zorina, S.S.Khasanov, L.I.Buravov, V.A.Emel'yanov, E.Canadell, R.P.Shibaeva, E.B.Yagubskii. CCDC 258887 (XASCEA). *Experimental Crystal Structure Determination* **2005**, DOI: [10.5517/cc8pd6j](https://doi.org/10.5517/cc8pd6j).
- S3. Tadashi Kawamoto, Kohei Kurata, Takehiko Mori. CCDC 1848447 (PIHBIU). *Experimental Crystal Structure Determination* **2018**, DOI: [10.5517/ccdc.csd.cc201gbw](https://doi.org/10.5517/ccdc.csd.cc201gbw).