

## Supplementary Information

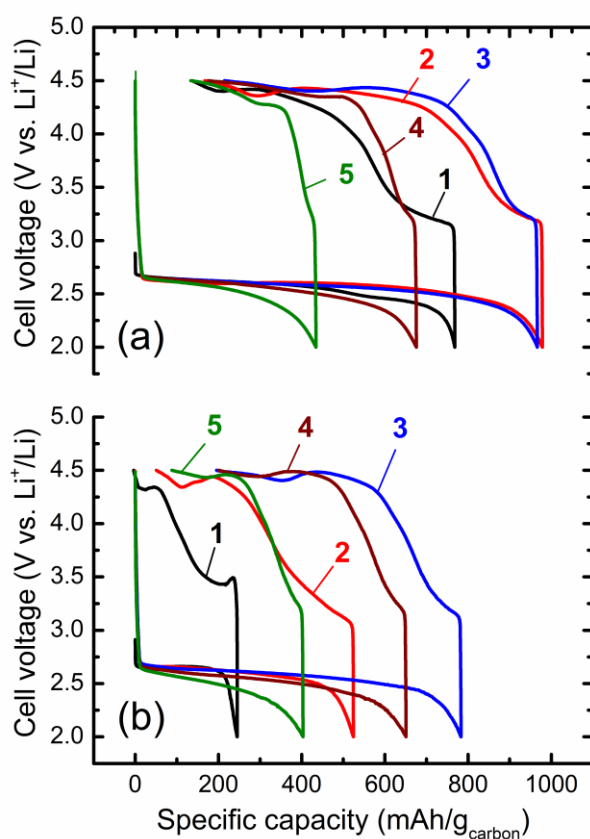
for

### Stability of superoxide radicals in glyme solvents for non-aqueous Li-O<sub>2</sub> battery electrolytes

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**Figure S1.** Cell voltage profiles of the first five cycles of Li-O<sub>2</sub> cells using as electrolyte 0.2 M LiTFSI in (a) tetraglyme as-received and (b) distilled tetraglyme.