

## Supporting Information

### Void layer optimization in constant-composition yolk-shell SiO@C anodes for improved lithium storage performance

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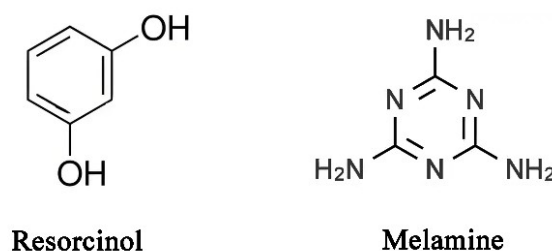


Fig. S1. Schematic illustration of the molecular structures of resorcinol and melamine.

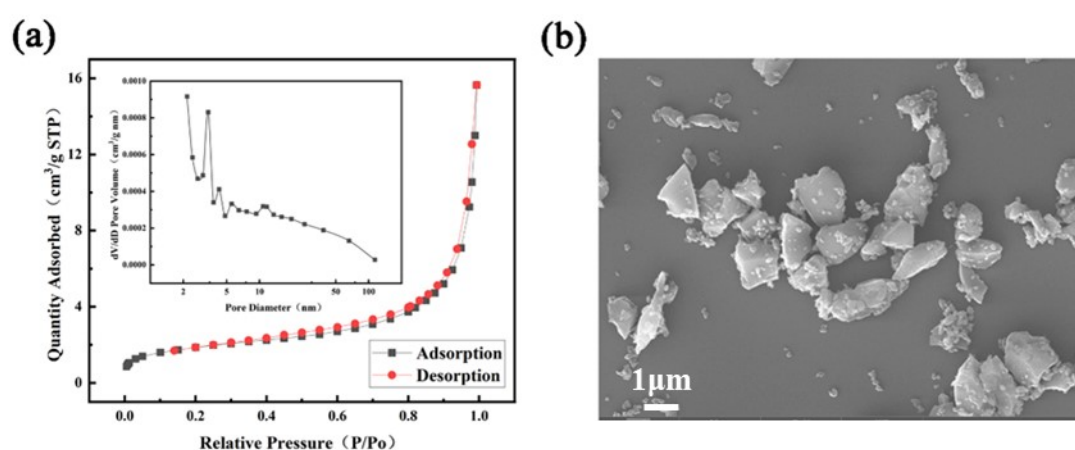


Fig. S2. (a) Nitrogen adsorption-desorption isotherm of the pristine SiO; (b) SEM image of the pristine SiO.