

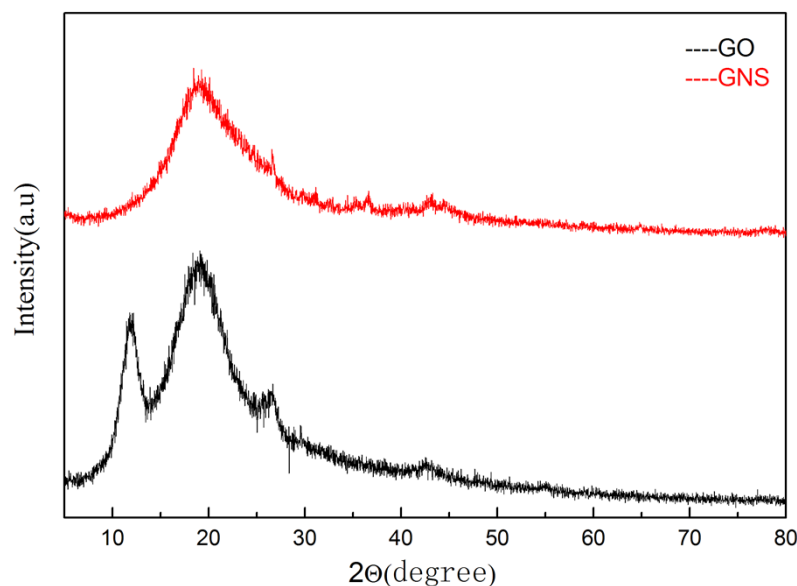
## Graphene nanosheets encapsulated $\alpha$ -MoO<sub>3</sub> nanoribbons with ultrahigh lithium ion storage properties

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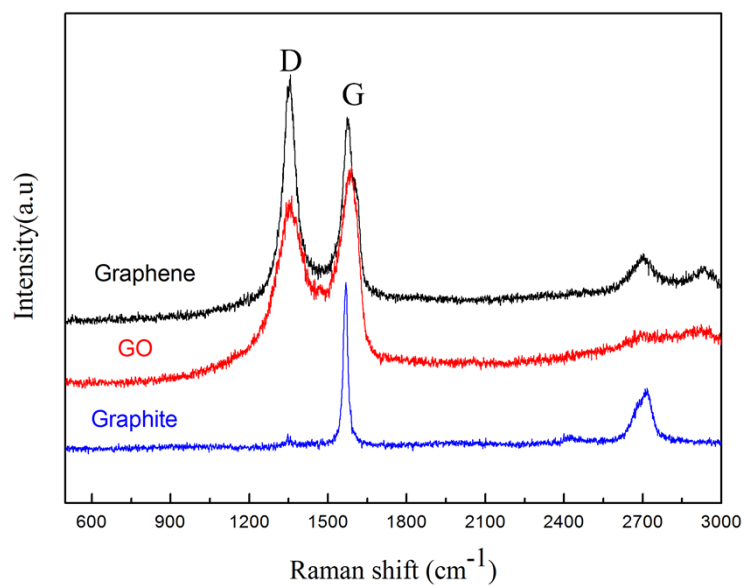
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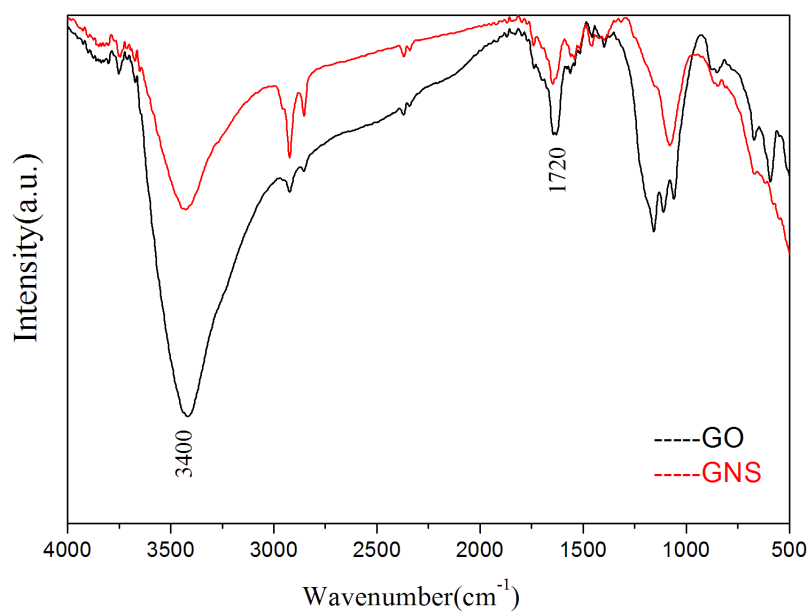
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**Figure S1** X-ray diffraction pattern of graphene nanosheets and graphite oxide nanosheets.



**Figure S2** Evolution of the Raman spectra during the oxidation and reduction processes for graphite and GO.



**Figure S3** FT-IR spectra of GO and GNS.

