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A novel hydrophilic pyridinium salt polymer/SWCNTs composite film for high thermoelectric performance

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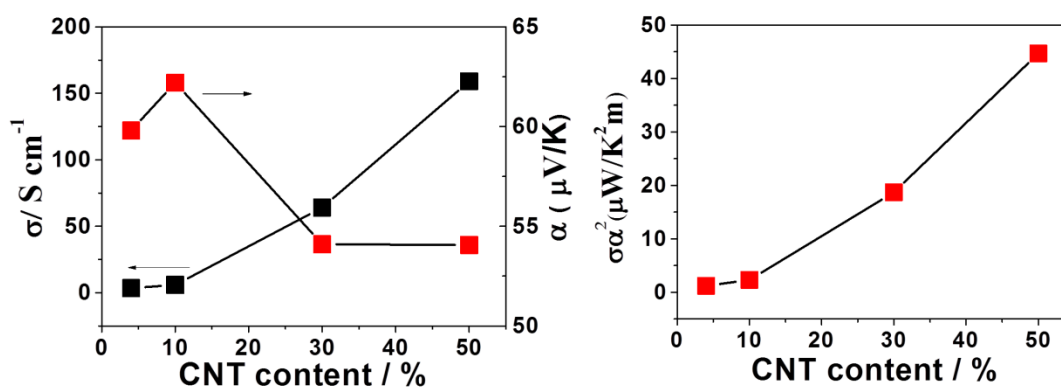
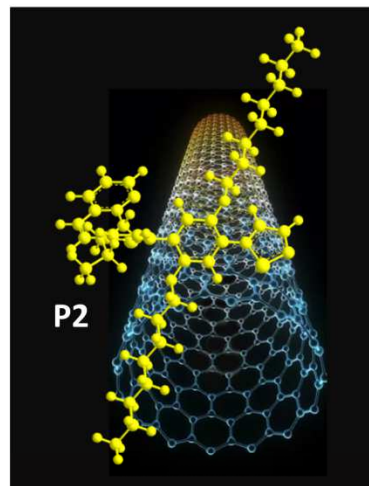
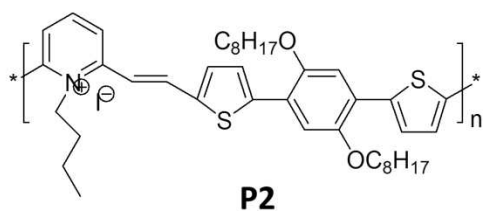
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A novel hydrophilic pyridinium salt polymer was designed and synthesized containing the pyridinium salt for aqueous dissolution and thiophenes as the conjugation group to make the polymer/CNT composite film electrical connecting, therefore high thermoelectric performance was obtained.



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