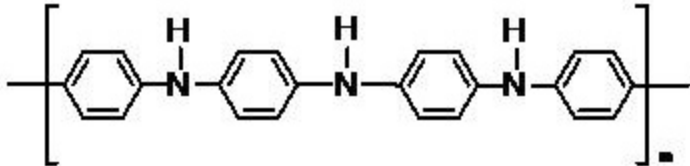
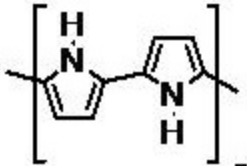


$R - H$ or Br

Polythiophene



Polyaniline



Polypyrrole