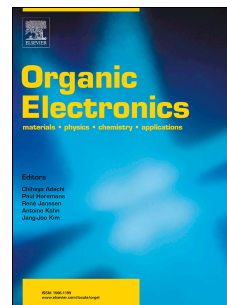


# Accepted Manuscript

Oligothiophenes and alkyl side-chain arrangement the structure-property study of their diketopyrrolopyrrole copolymers for organic photovoltaics

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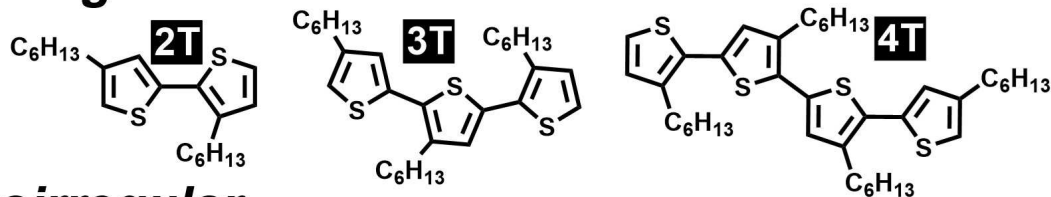
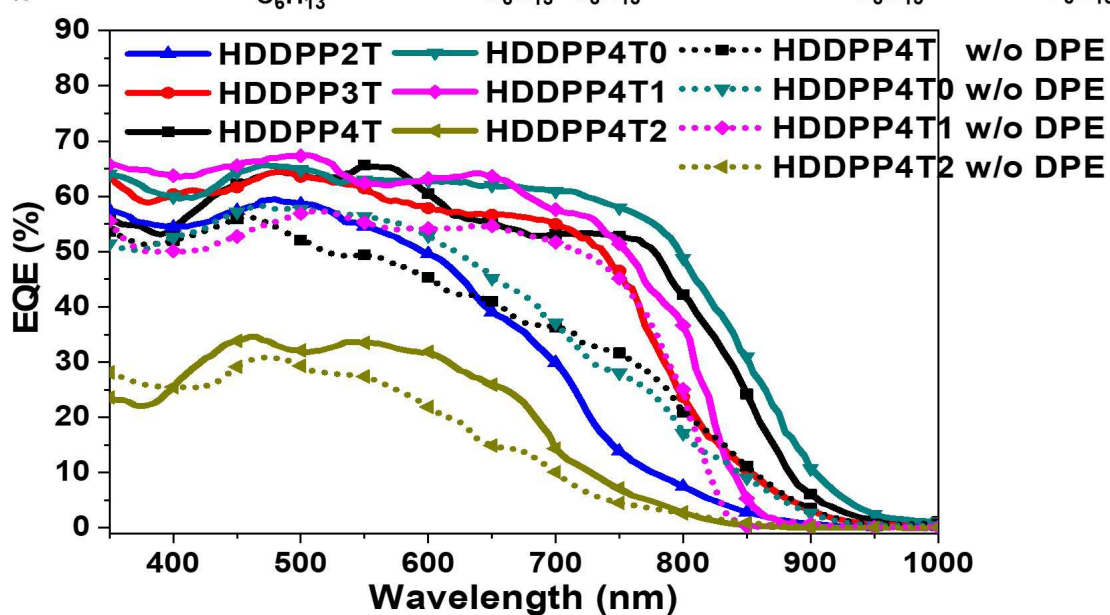
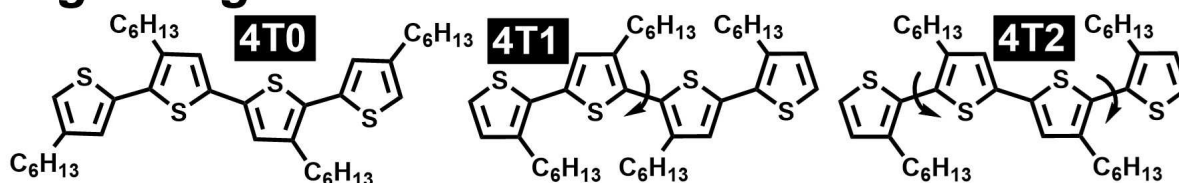
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## OLIGOTHIOPHENES

*regioregular**regioirregular*

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