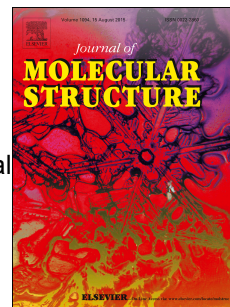


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Two families of bis(imido) symmetrical Schiff bases: X-ray crystal structure and optical properties

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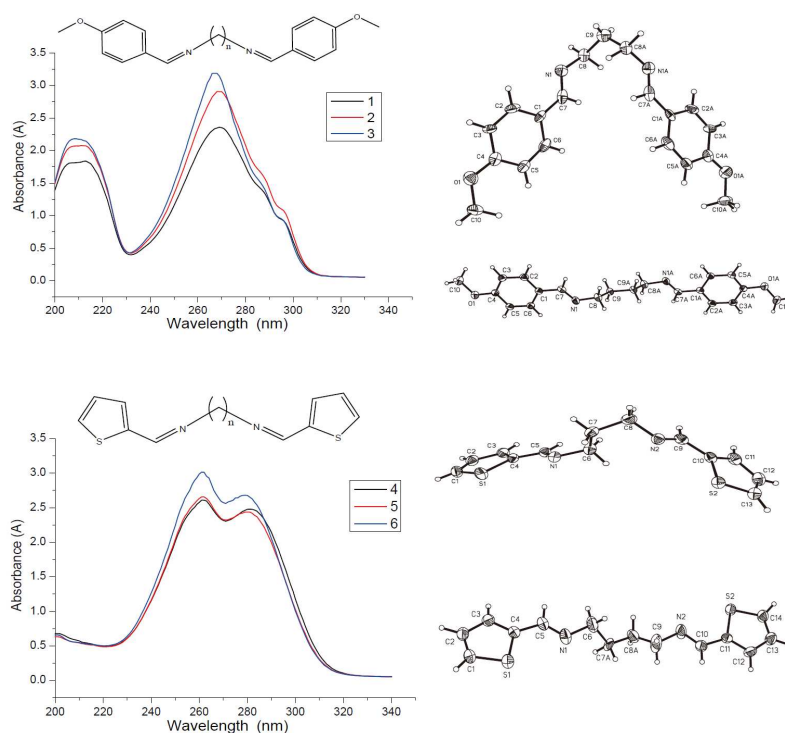
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Graphic Abstract:

Two families of dimers provide longer alkyl bridges between two methoxy benzene rings and two thiophene rings (propane \rightarrow butane \rightarrow dodecane), while maintaining the same optical properties and the same spectroscopy mechanisms. Single crystal structures and DFT calculations were used to interpret their similarities and differences.



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