

## Blue Electroluminescence from an aggregation induced emitting small molecules

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Light-emitting electrochemical cells are the future lighting sources for flat-panel displays and solid state lighting. Compared to conventional solid state lighting device such as organic light-emitting diode (OLED), light-emitting electrochemical cell (LECs) possess simple device architecture due to the utilization of air stable electrodes makes LECs more impressive. Recently organic small molecule have been widely used as a light-emitting materials in light-emitting electrochemical cells. The molecule which is an ionic apart from Ir-ITMCs have great attentions. We designed and synthesized an aggregation induced emitting small molecules in multi-step synthetic procedure having strong luminescence and good charge transporting capabilities. A complete structural, photophysical, electrochemical and electroluminescent properties were investigated.