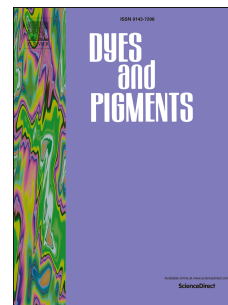


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Donor-acceptor molecules based on benzothiadiazole: Synthesis, X-ray crystal structures, linear and third-order nonlinear optical properties

Di Jiang, Songhua Chen, Zheng Xue, Dr. Yongjun Li, Huibiao Liu, Wensheng Yang, Yuliang Li



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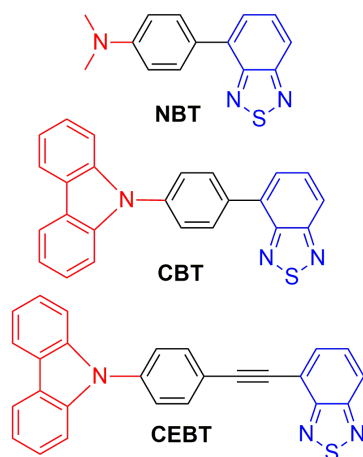
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Three π -conjugated donor-acceptor molecules containing either *N,N*-dimethylaniline or carbazole as the electron donor and 2,1,3-benzothiadiazole as the electron acceptor were synthesized through Suzuki or Sonogashira cross-coupling reactions. Their X-ray crystal structural, optical, electrochemical properties were investigated.

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