Probing the Redox and Photophysical Properties of Ru(II)-Pt(II) Supramolecular Complexes as Efficient Photodynamic Therapy Agents

by

Samantha Lake Hopkins Higgins

Dissertation submitted to the faculty of the Virginia Polytechnic Institute and State University in partial fulfillment of the requirements for the degree of Doctor of Philosophy

In

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February 16, 2012
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Keywords: supramolecular, ruthenium(II), platinum(II), photodynamic therapy, and DNA
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A23_Your_Title: Probing the redox and photo physical properties of Ru(II)-Pt(II) supramolecular complexes as efficient photodynamic therapy agents
A24_Publication_Date: January 2012
A25_Format: print,Intranet,Other
A41_Ebook_Reader_Type:
A26_If_WWW_URL:
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