**Supplementary Data**

**Synthesis of 9-Phenyl-*β*-carboline derivatives and Molecular Crystal Structure of 9-phenyl-*β*-carboline**

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1H NMR of **2a**:



13C NMR of **2a**:



1H NMR of **2b**:



13C NMR of **2b**:



GC-MS of **2a**:





GC-MS of **2b**:





IR Spectrum of **2a**:



IR Spectrum of **2b**:

