

Zn(OTf)₂ catalyzed indolylation and pyrrolylation of isatins: Efficient synthesis and biochemical assay of 3,3-di(heteroaryl)oxindoles

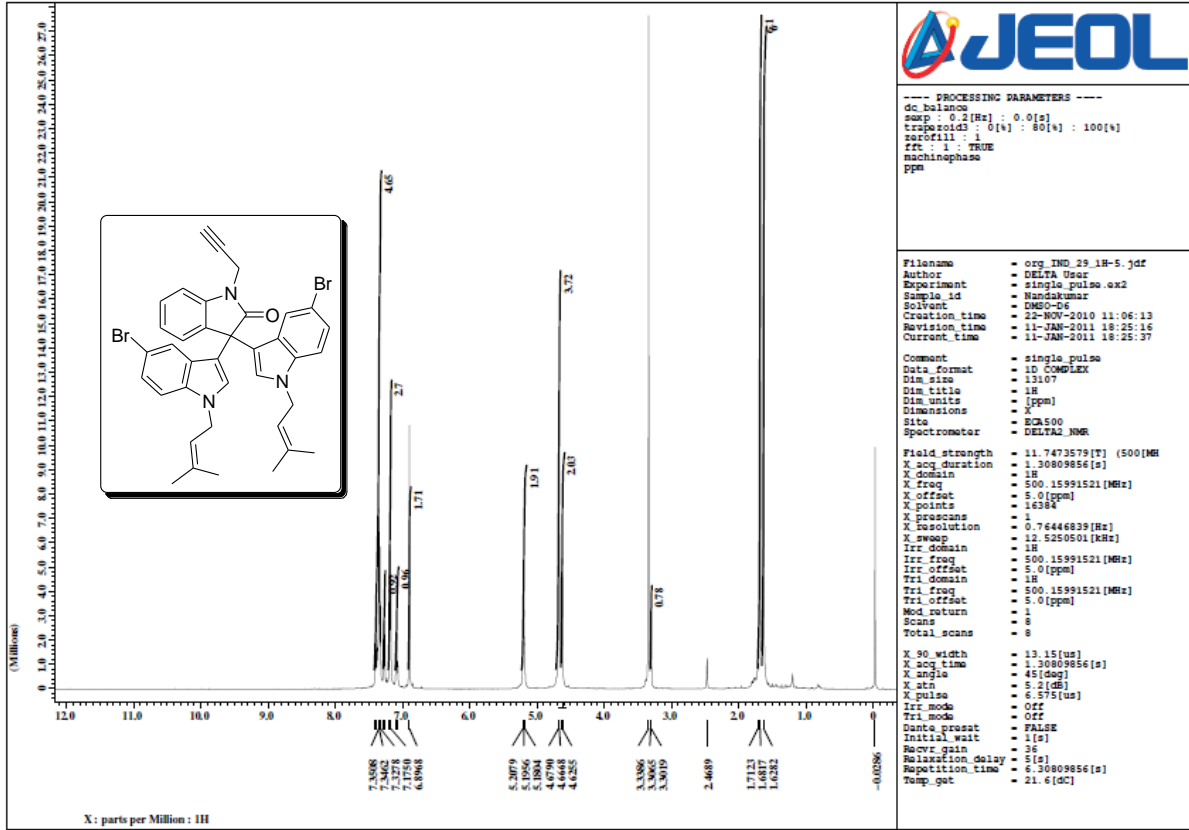
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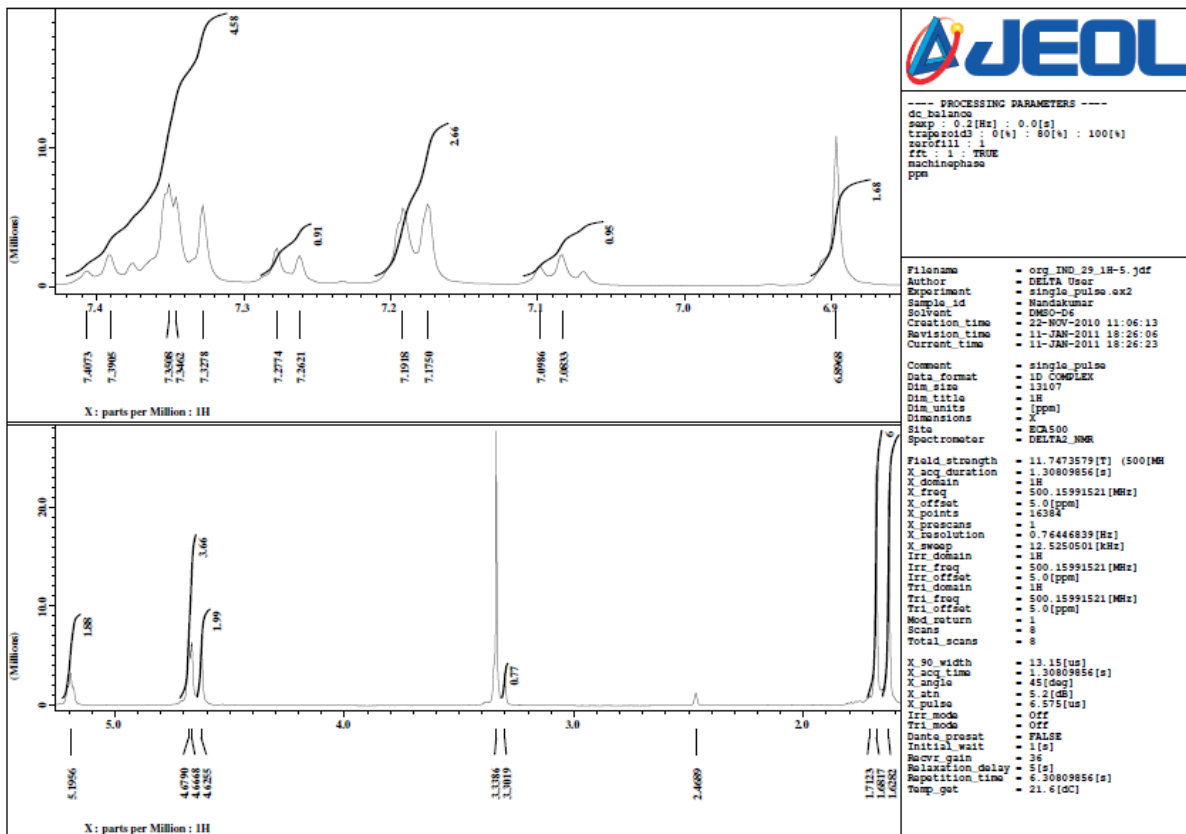
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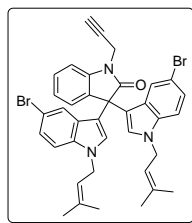
¹H NMR and ¹³C NMR spectra of selected compounds **3i** and **3s**

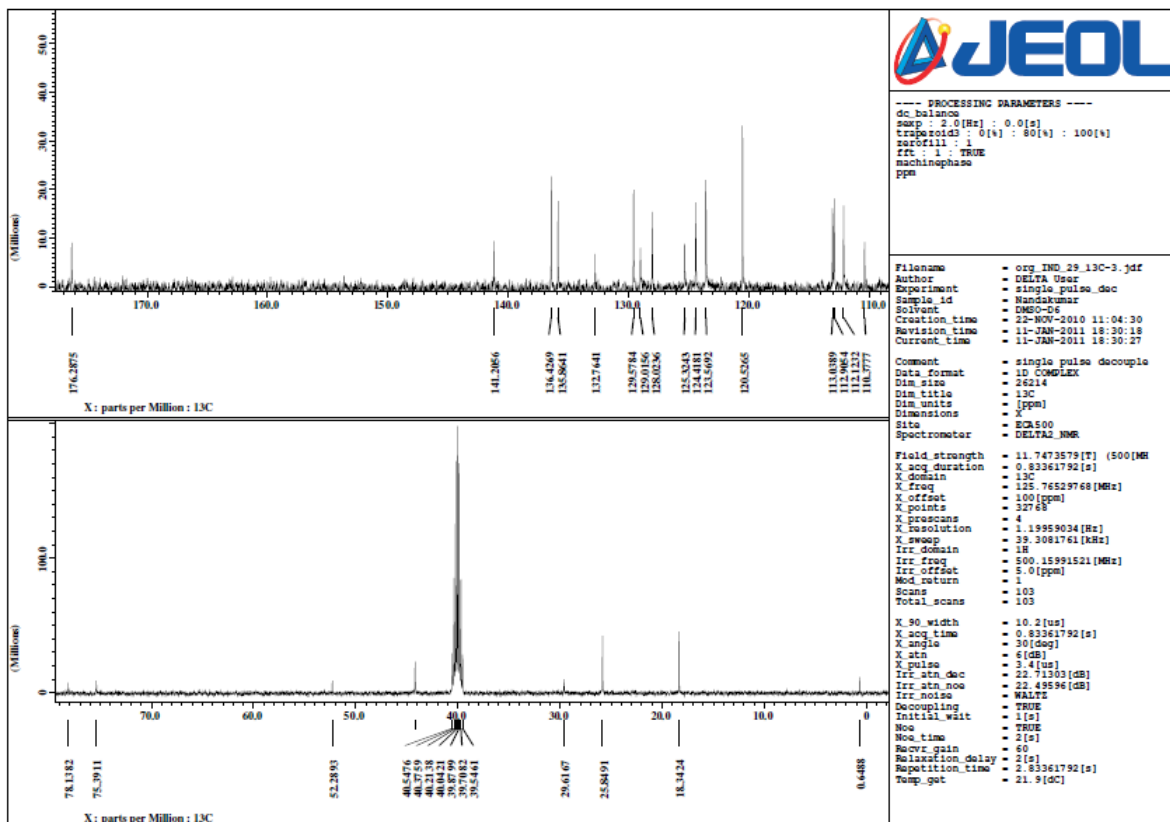


¹H NMR spectrum of compound **3i**

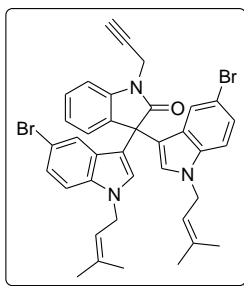


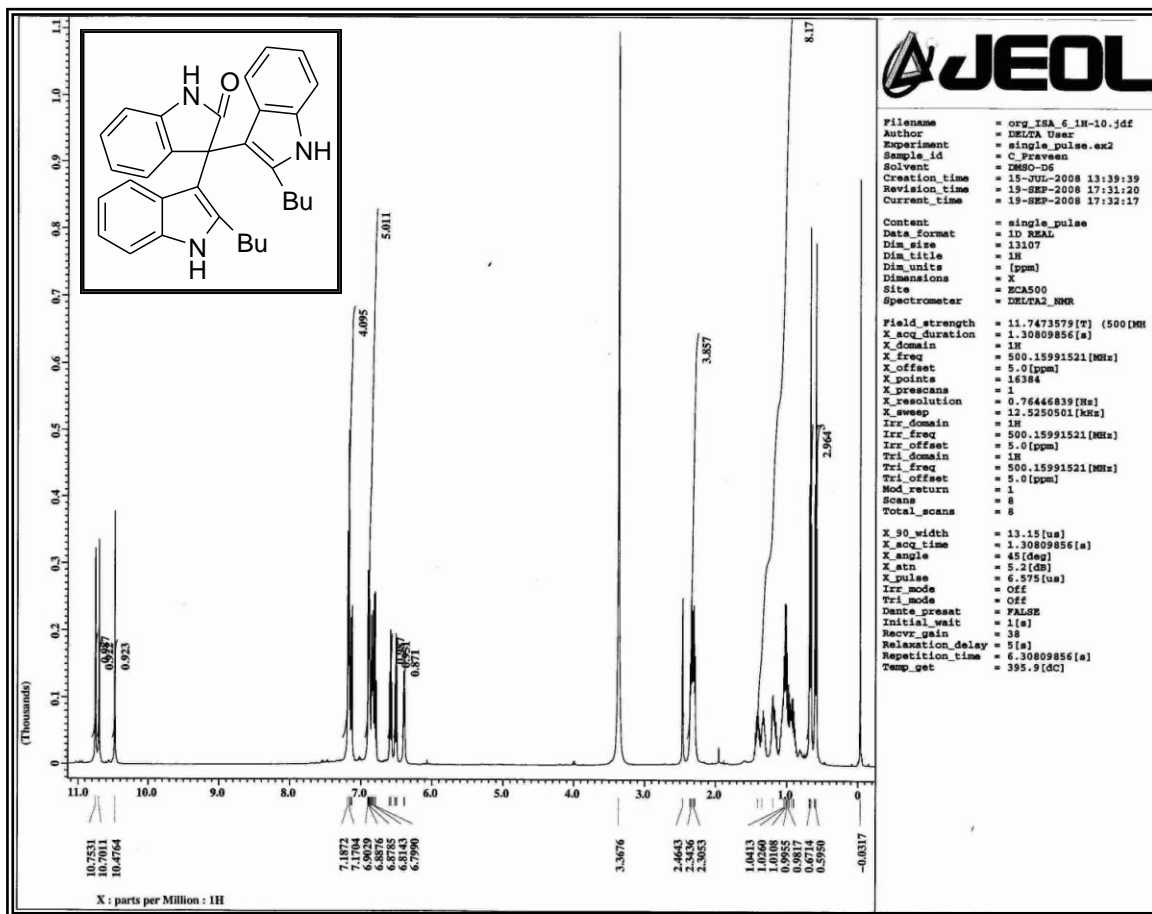
^1H NMR (expansion) spectrum of compound **3i**



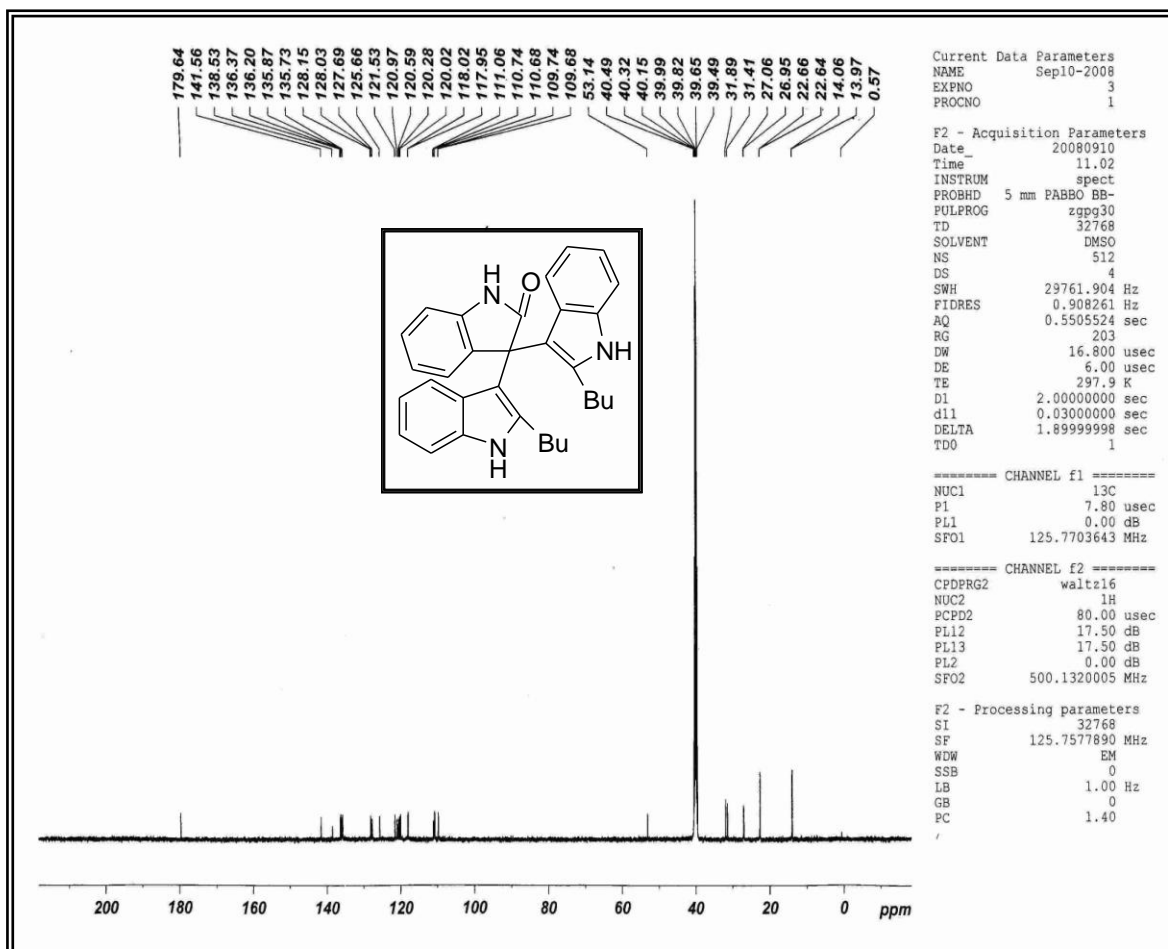


^{13}C NMR spectrum of compound **3i**

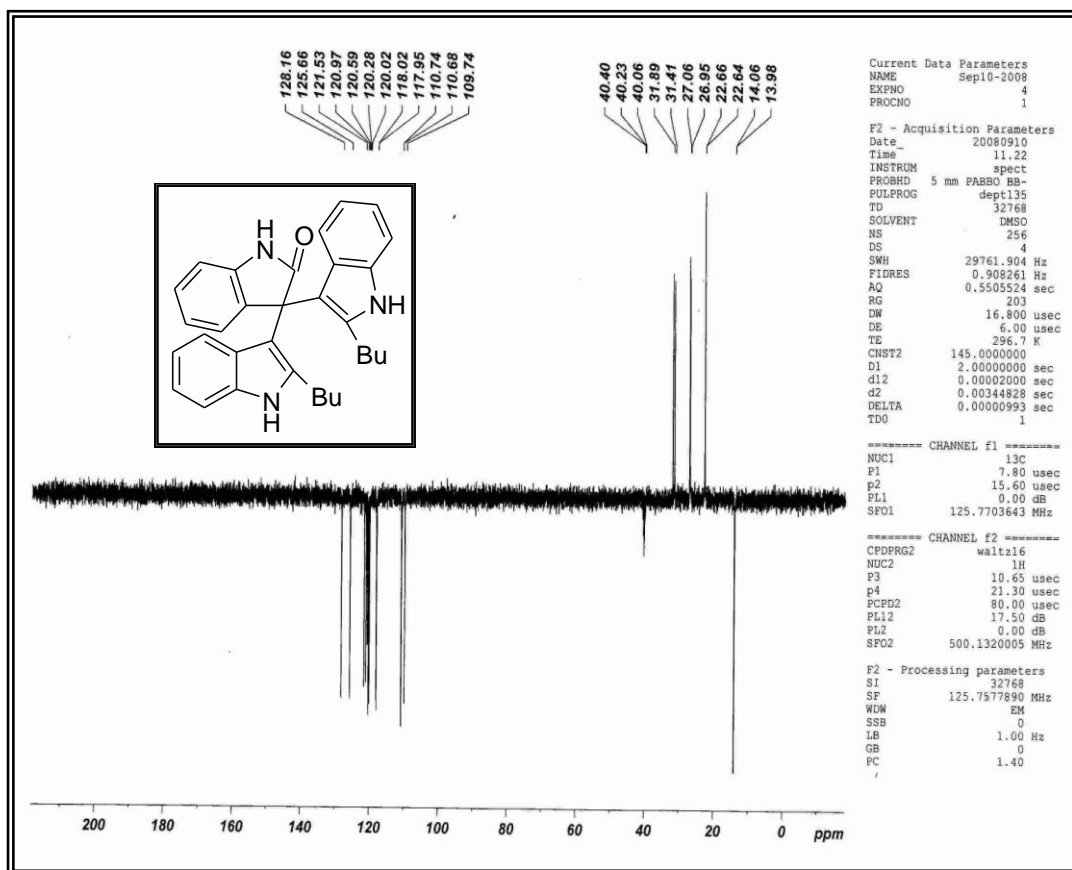




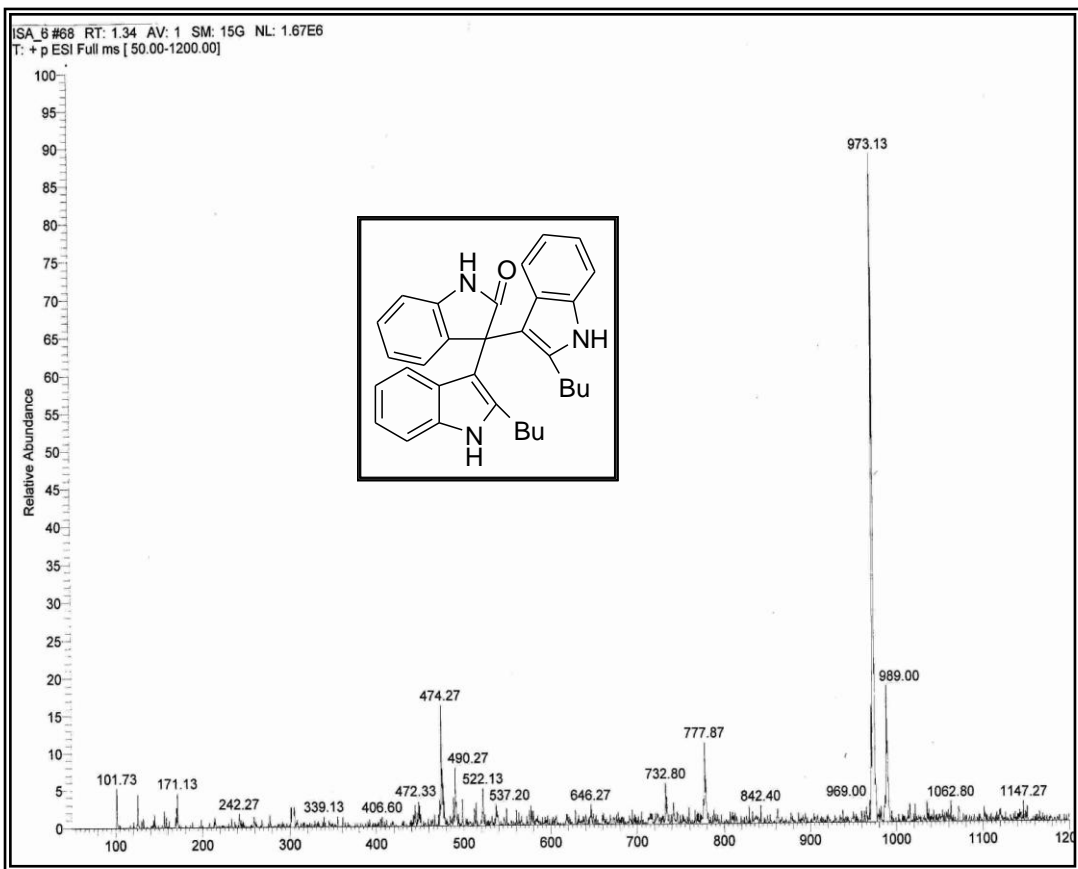
^1H NMR spectrum of compound **3s**



^{13}C NMR spectrum of compound **3s**



¹³C NMR 135 DEPT spectrum of compound **3s**



Mass spectrum of compound **3s**