

Development of thymol-isatin hybrids as broad-spectrum antibacterial agents with potent anti-MRSA activity

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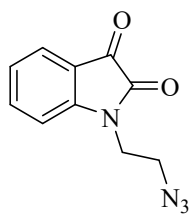
Email id: atampanesar@gmail.com, atamjitpharma.rsh@gndu.ac.in

2. Preet Mohinder Singh Bedi

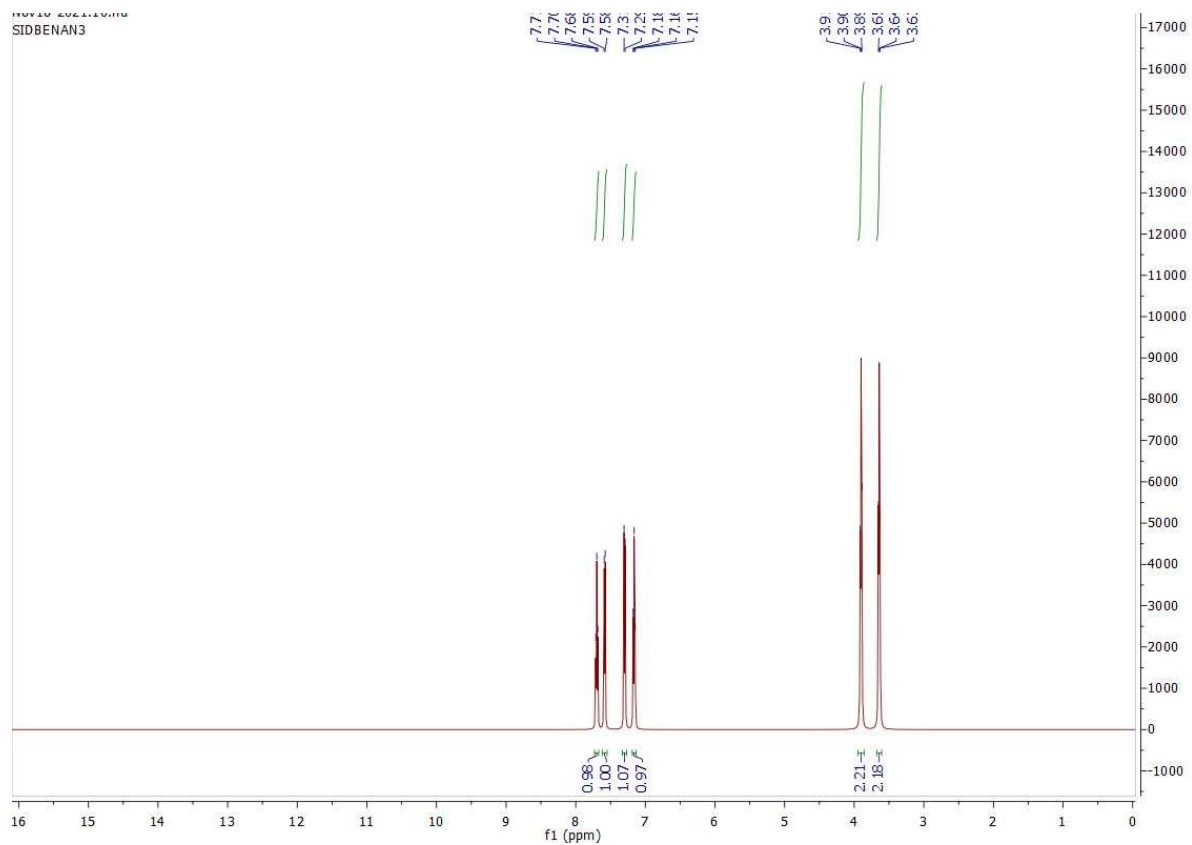
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Email id: bedi_preet@yahoo.com, preet.pharma@gndu.ac.in

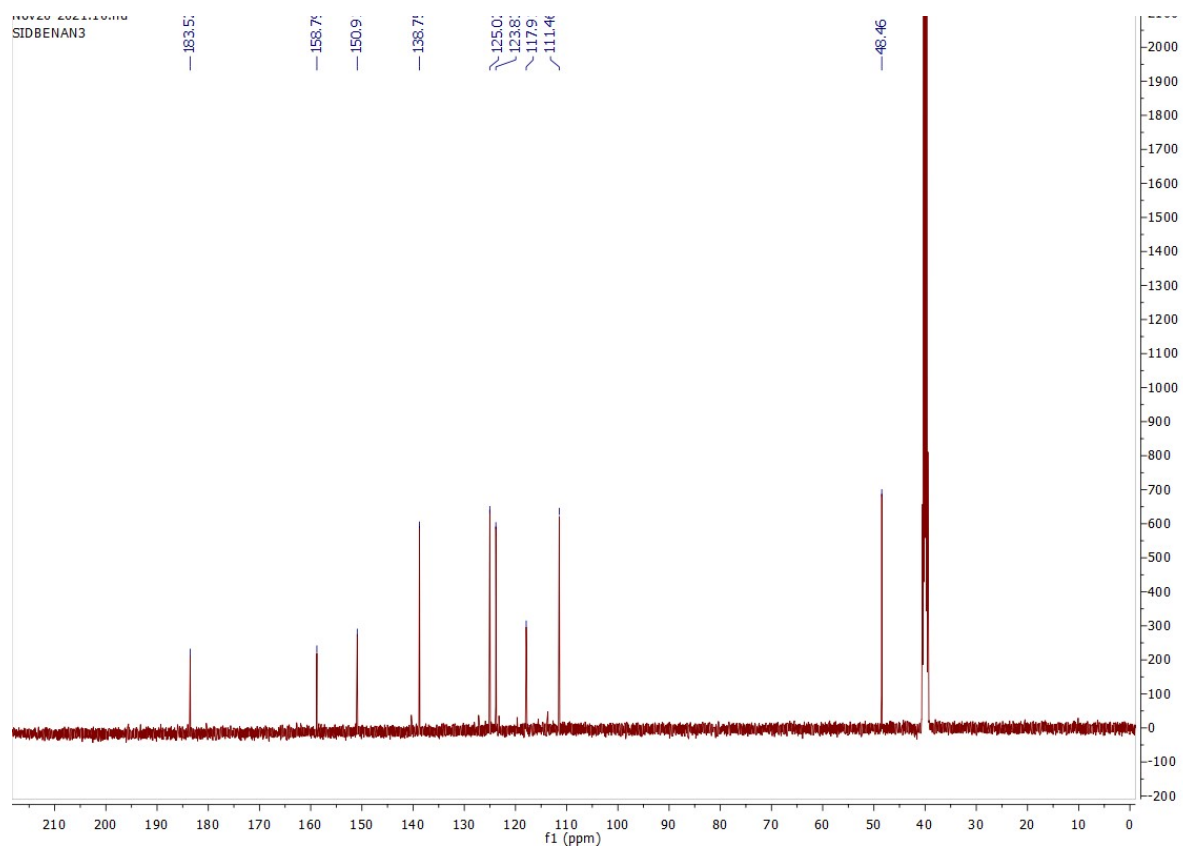
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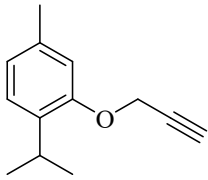


¹H Spectrum of **8**

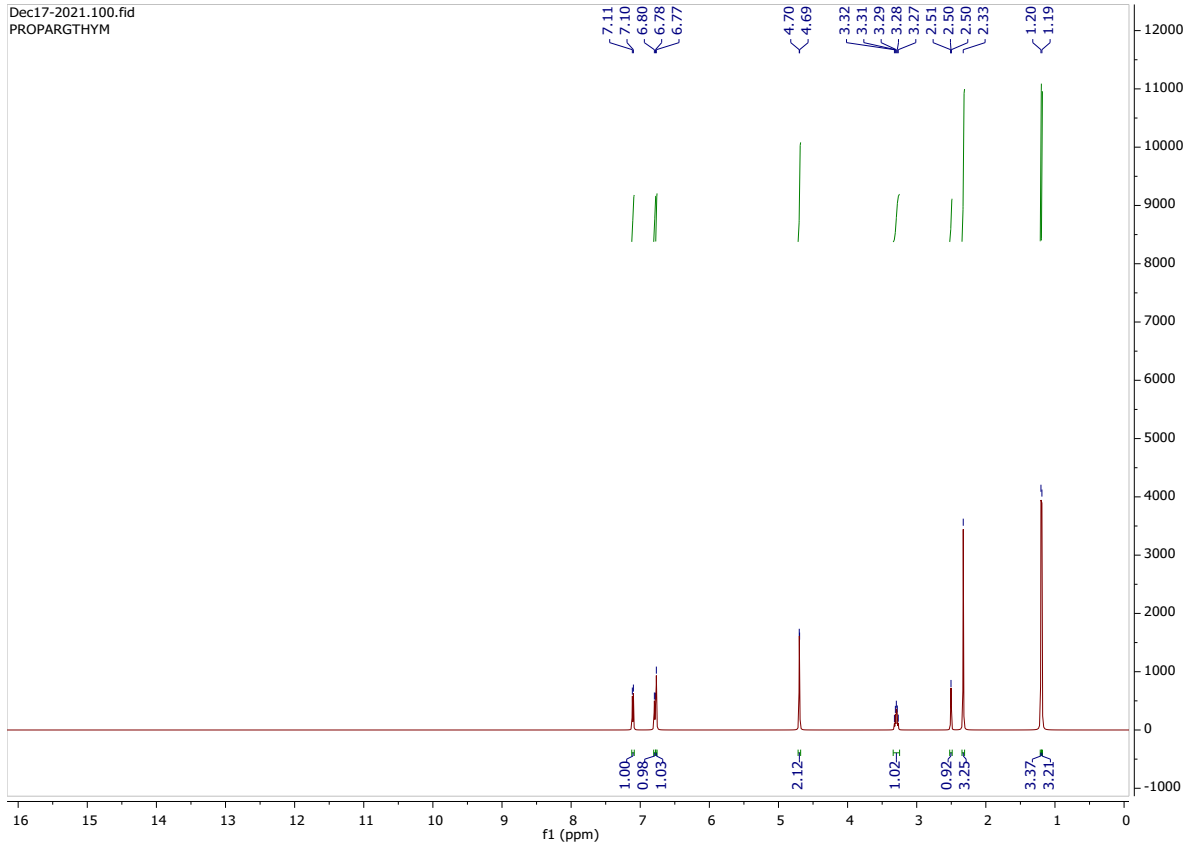


¹³C Spectrum of **8**

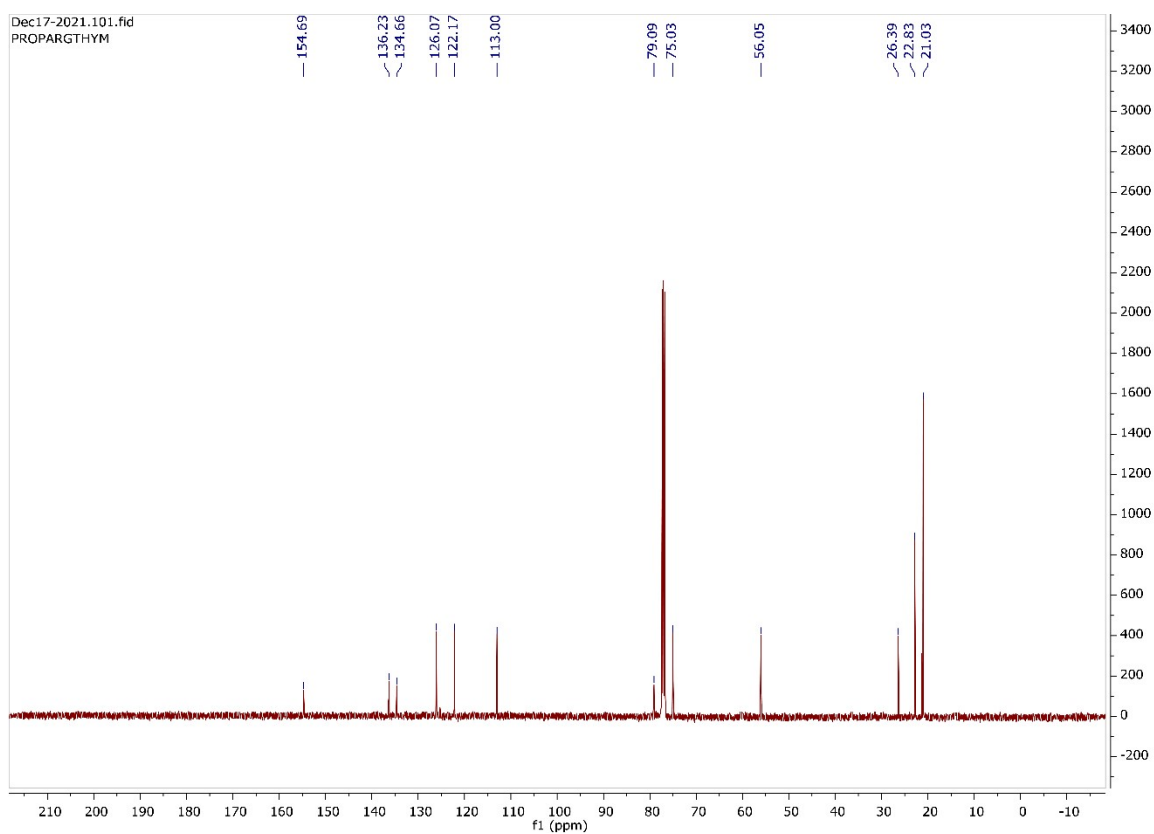


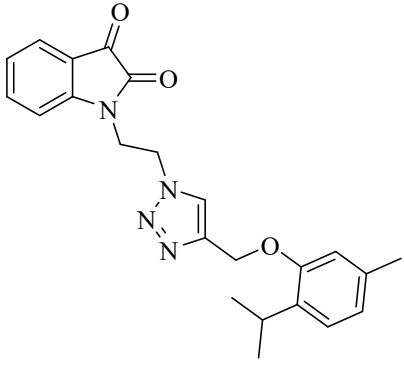


¹H Spectrum of 10

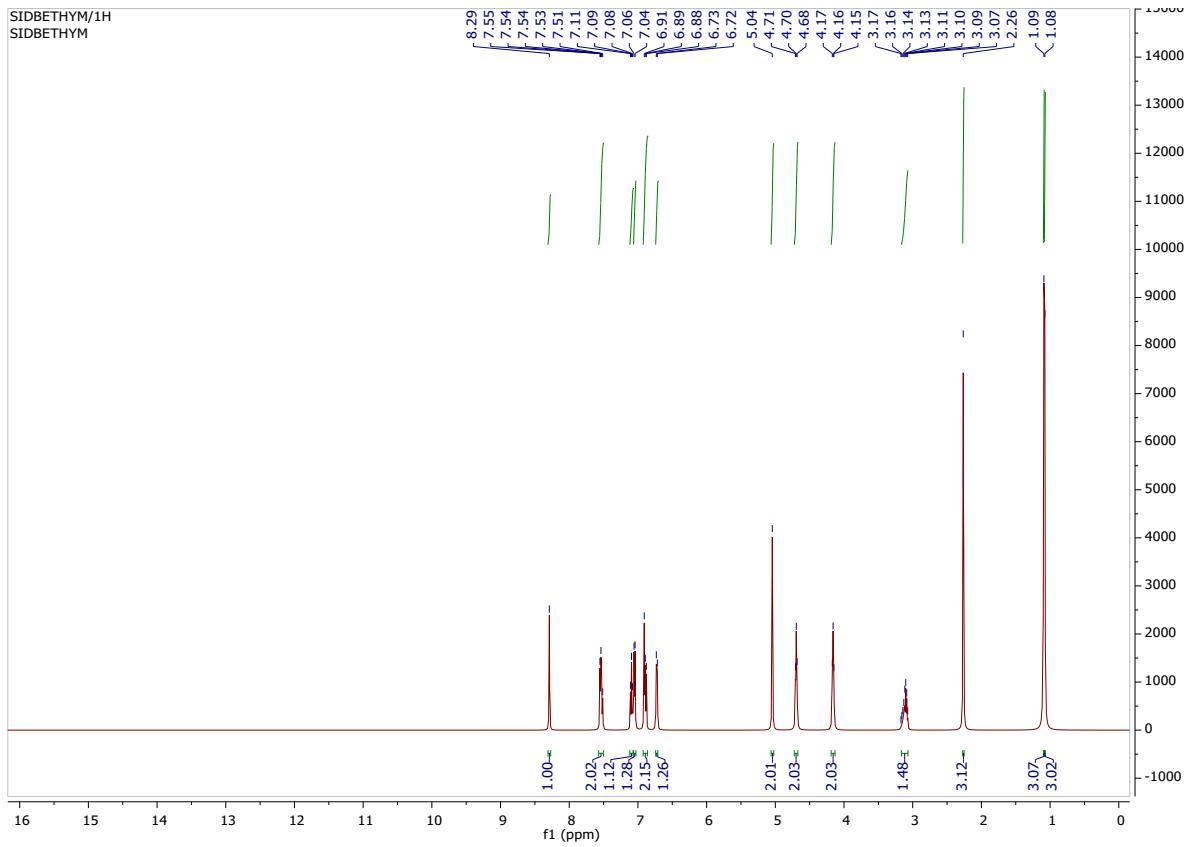


¹³C NMR spectrum of 10

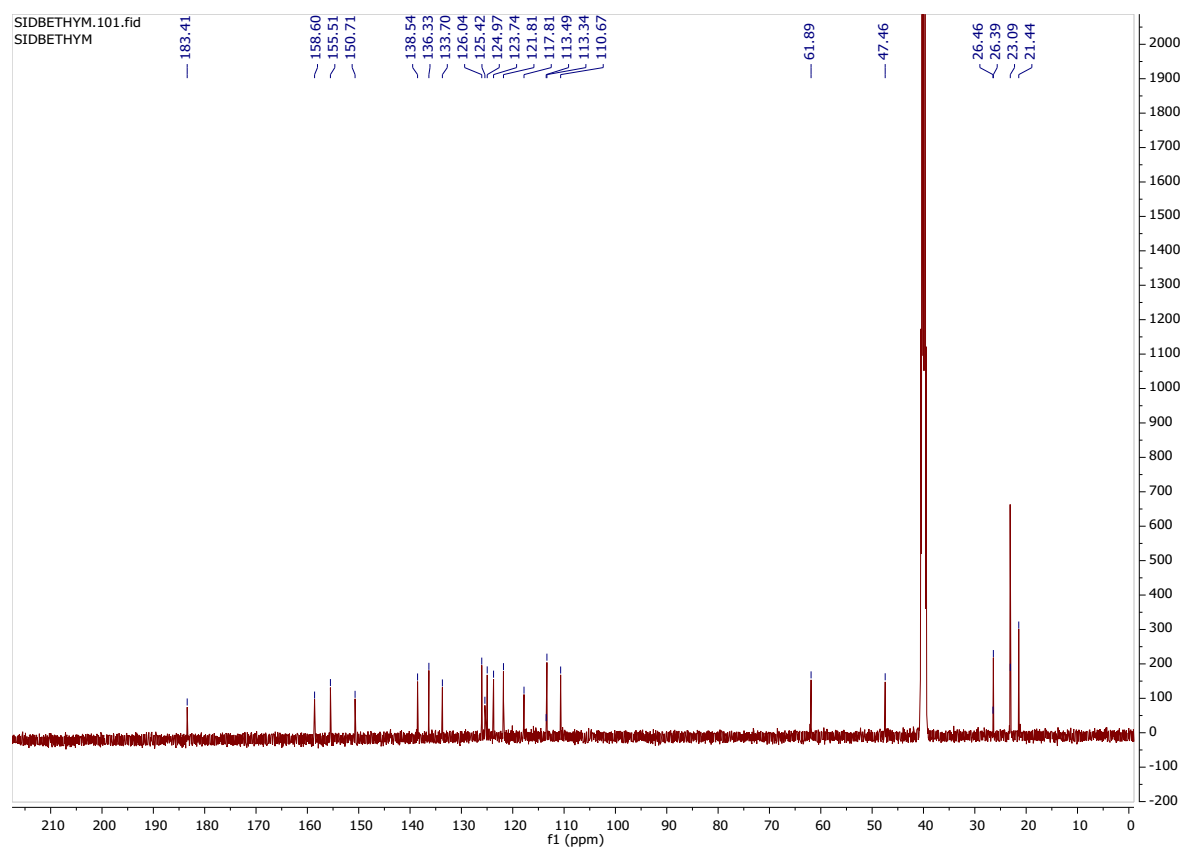


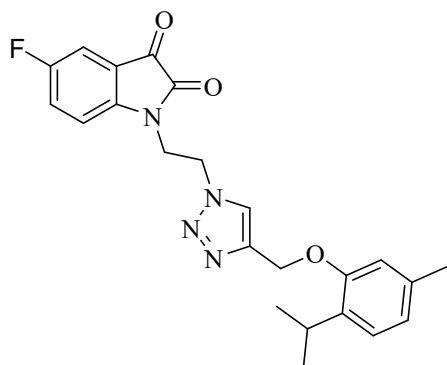


¹H NMR spectrum of AS1

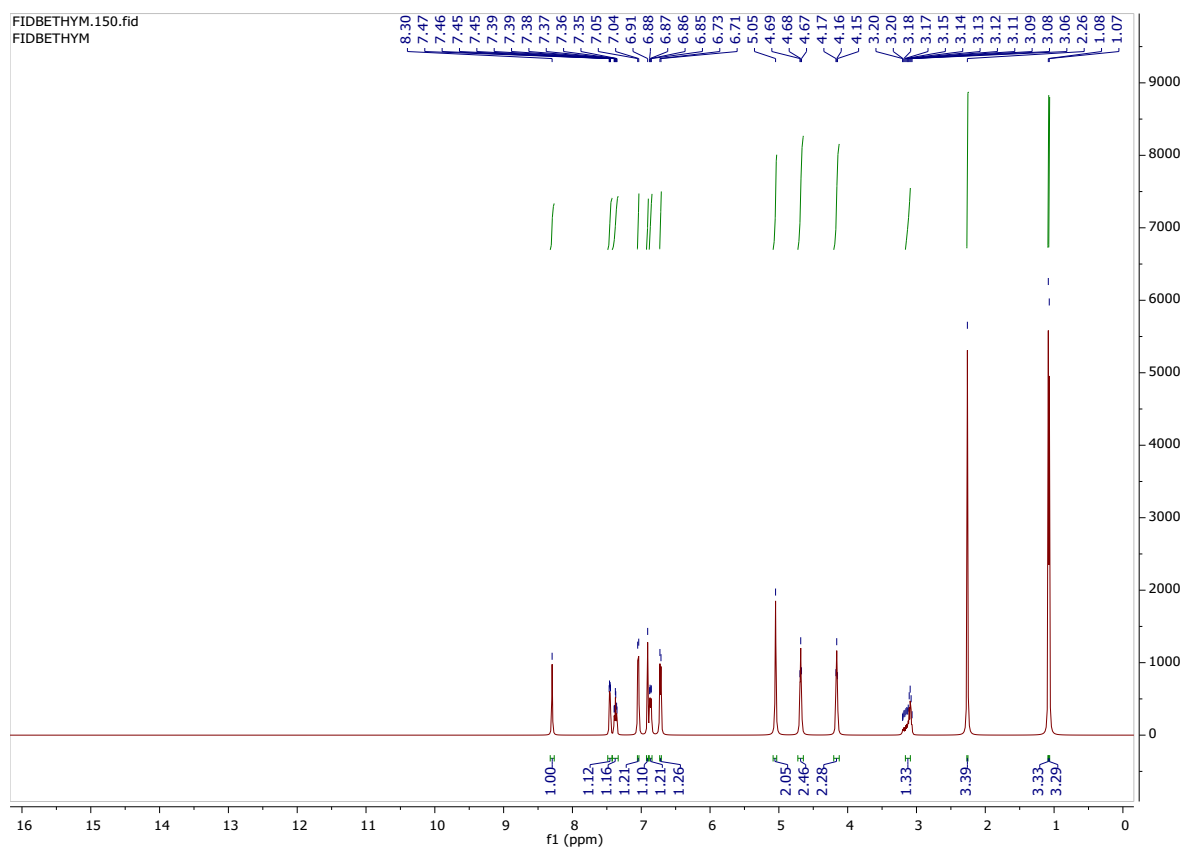


^{13}C NMR spectrum of AS1

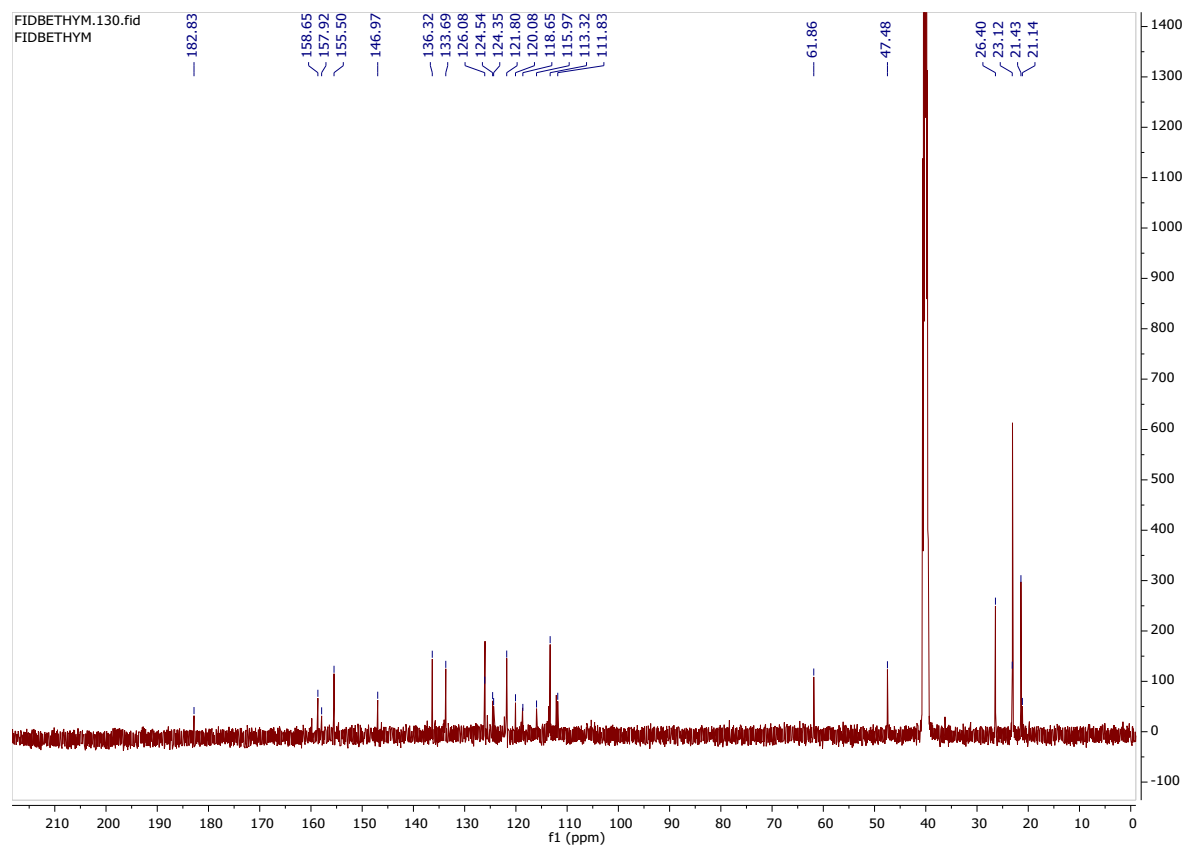


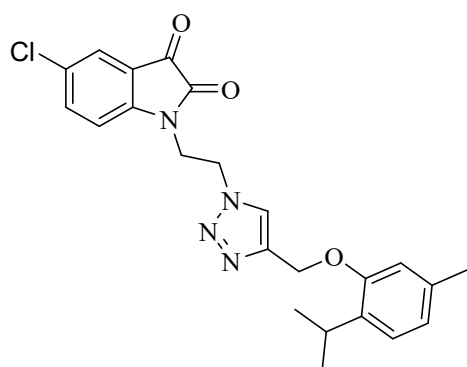


¹H NMR spectrum of AS2

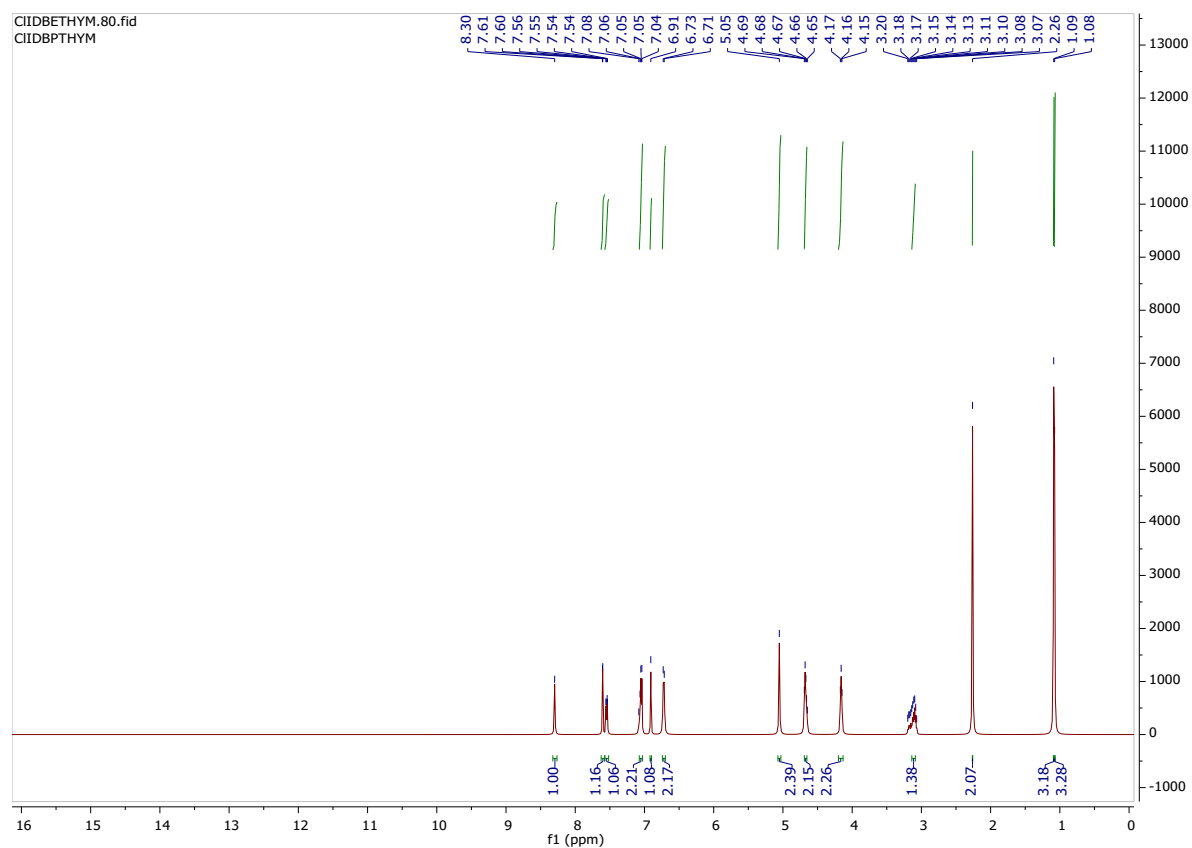


¹³C NMR spectrum of AS2

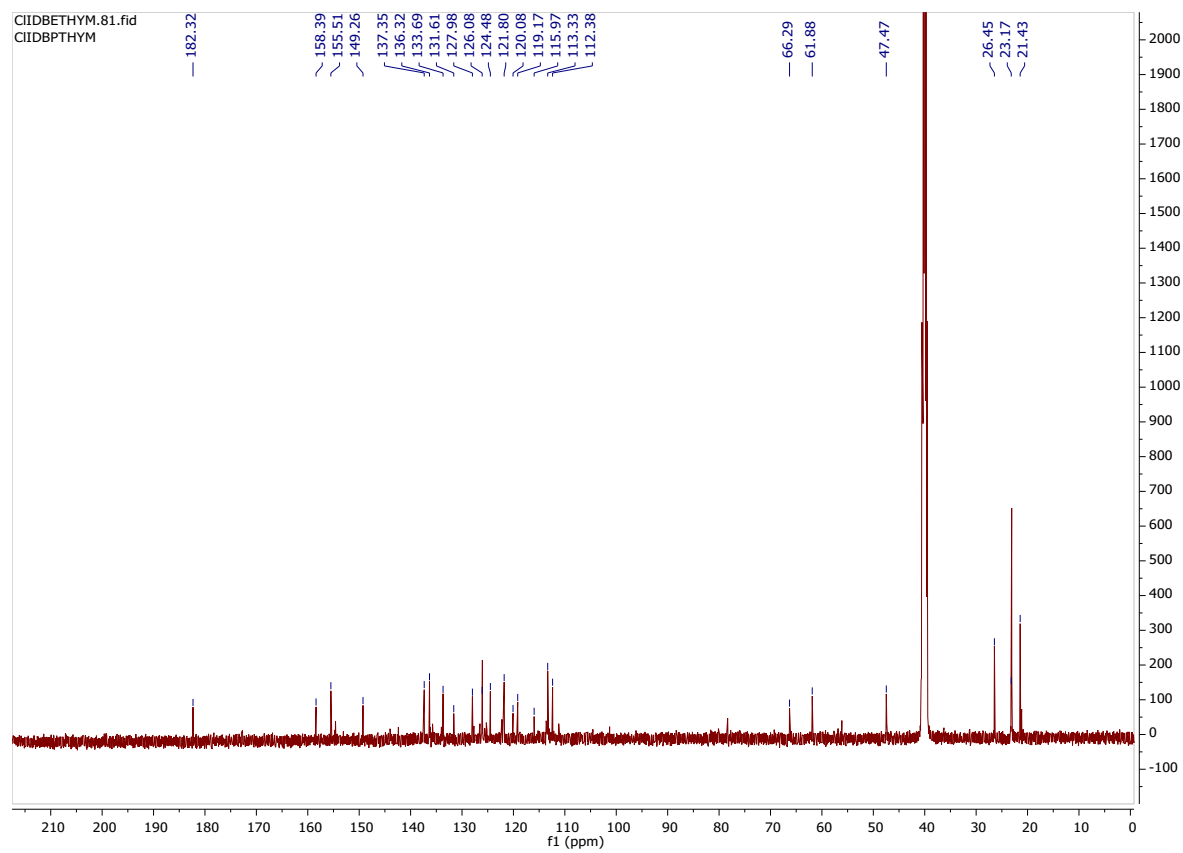


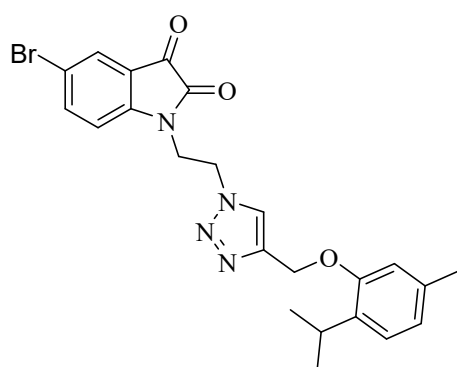


¹H NMR spectrum of AS3

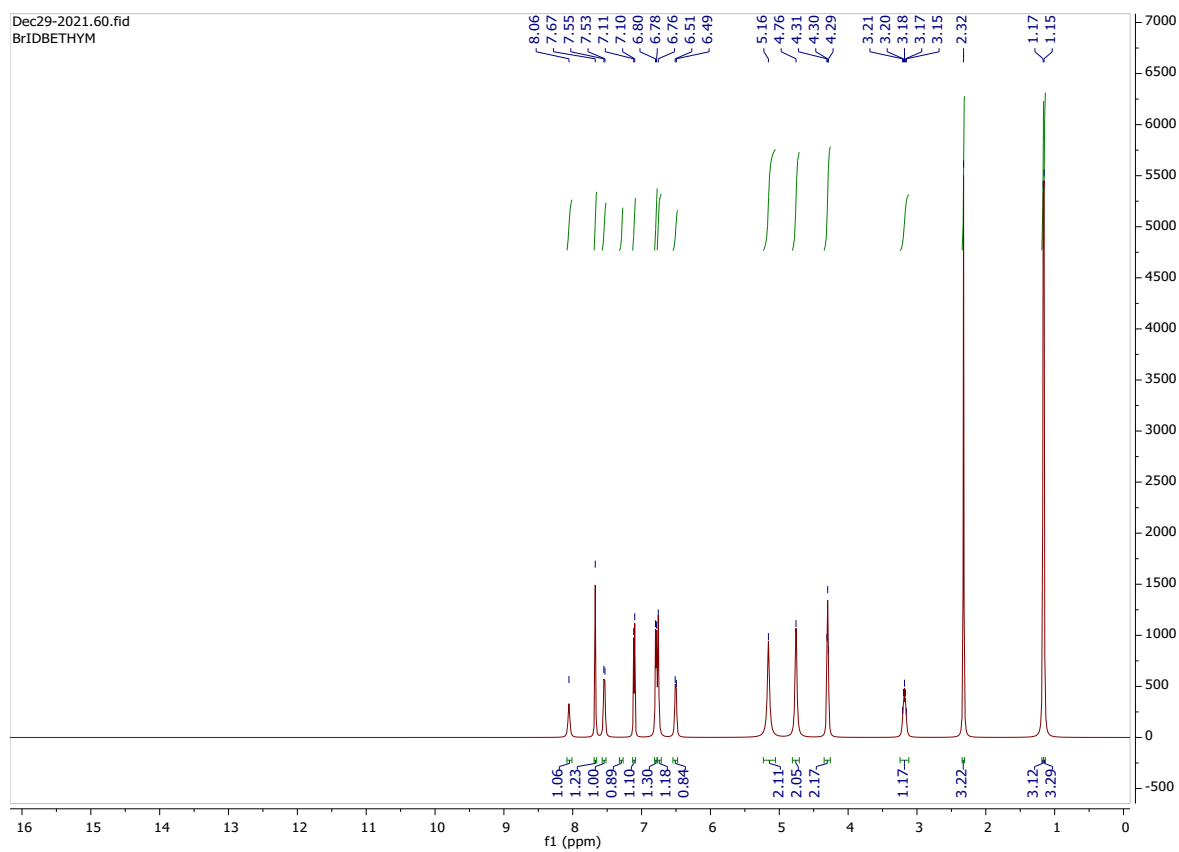


¹³C NMR spectrum of AS3

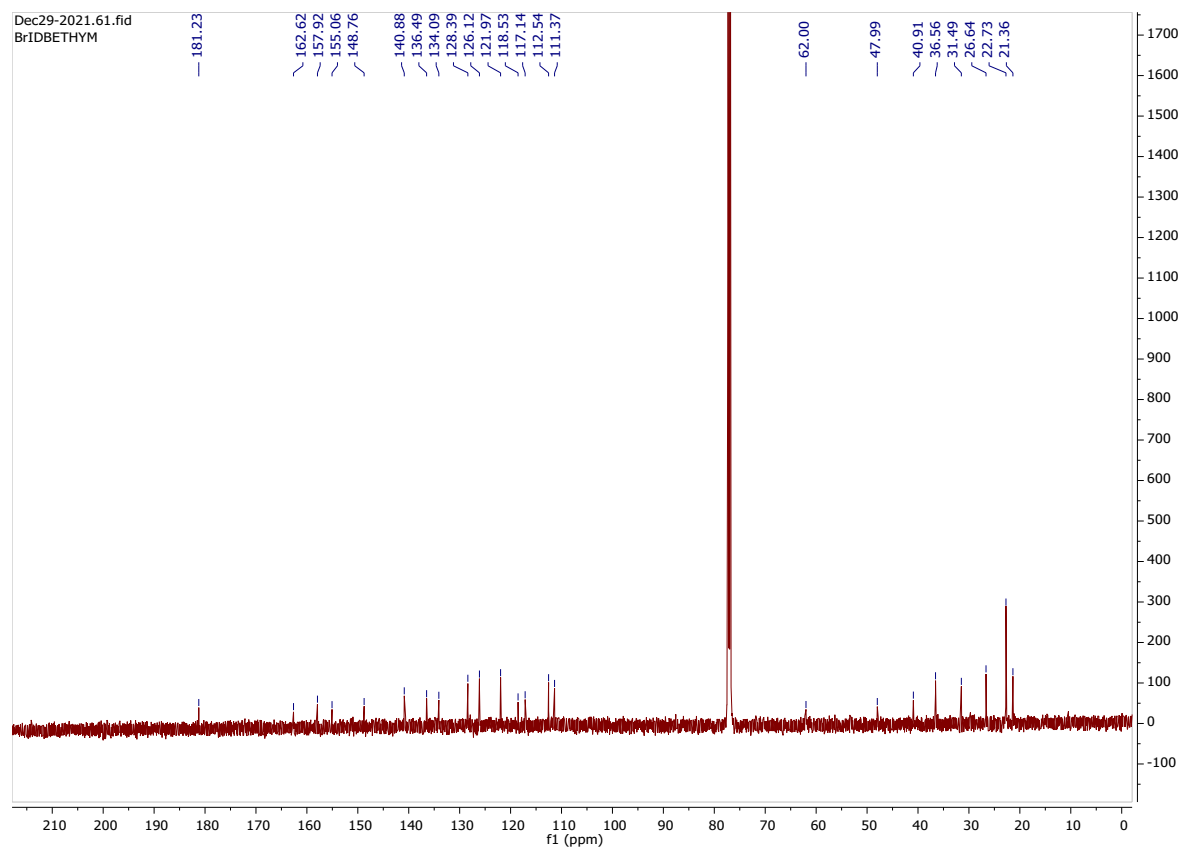


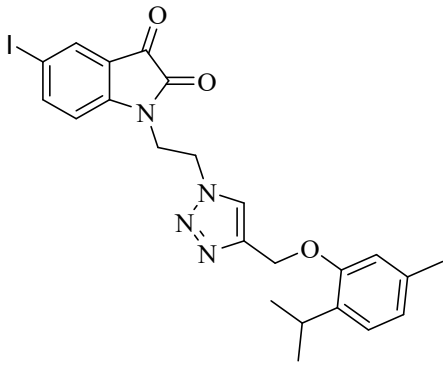


¹H NMR spectrum of AS4

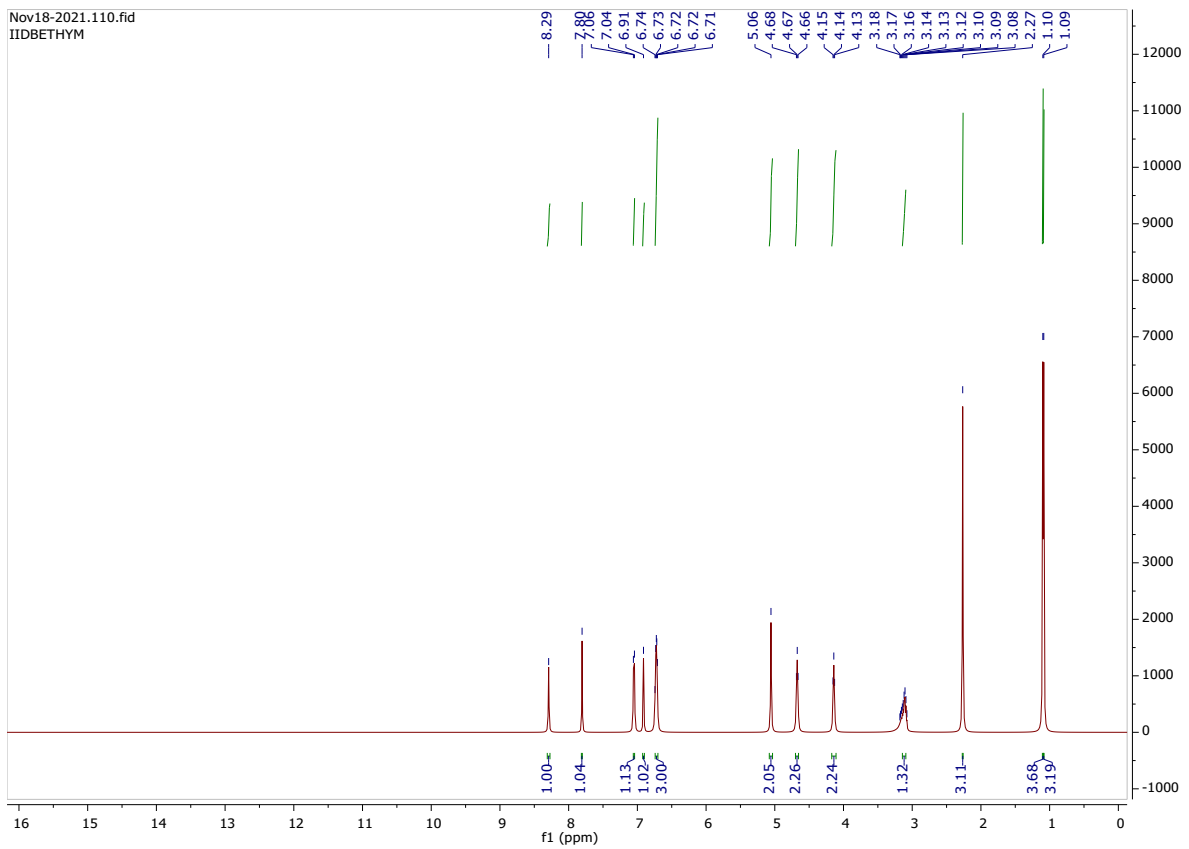


¹³C NMR spectrum of AS4

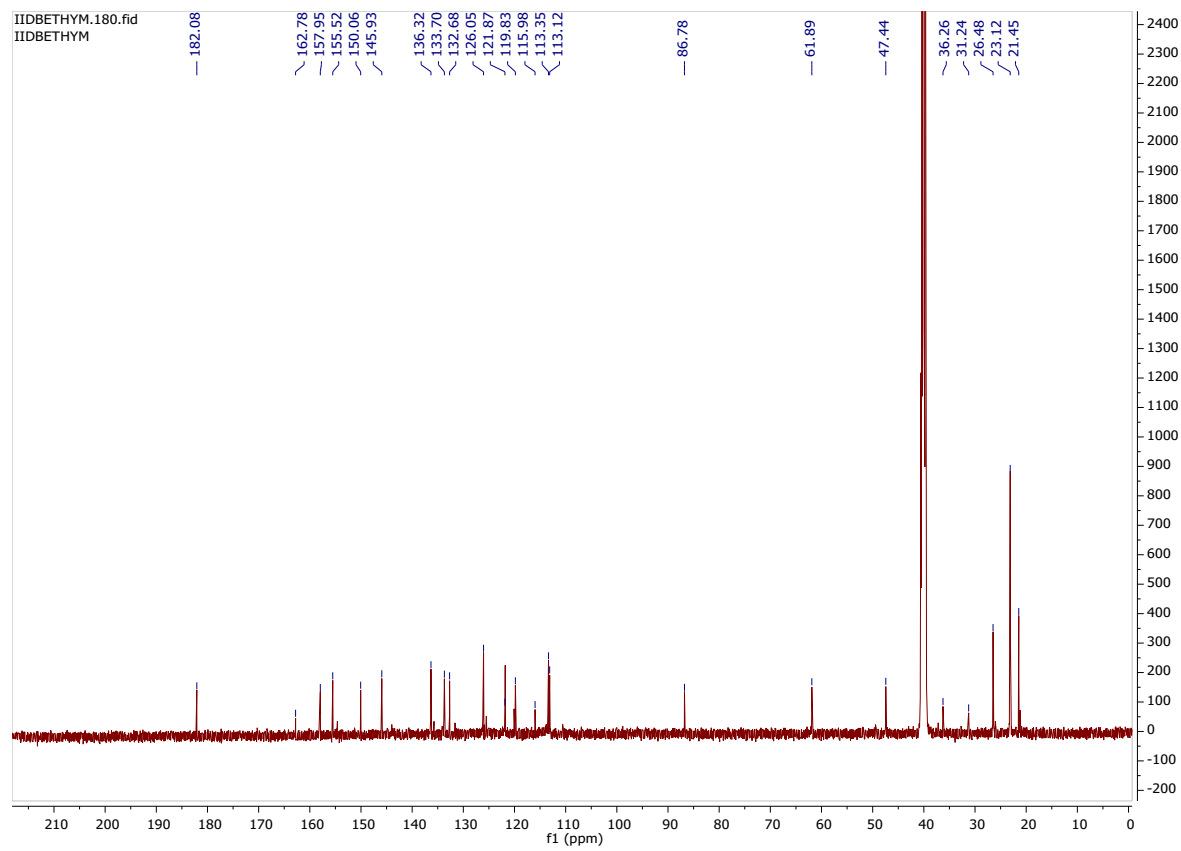


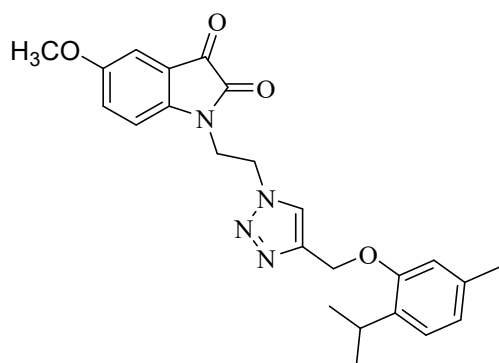


¹H NMR spectrum of AS5

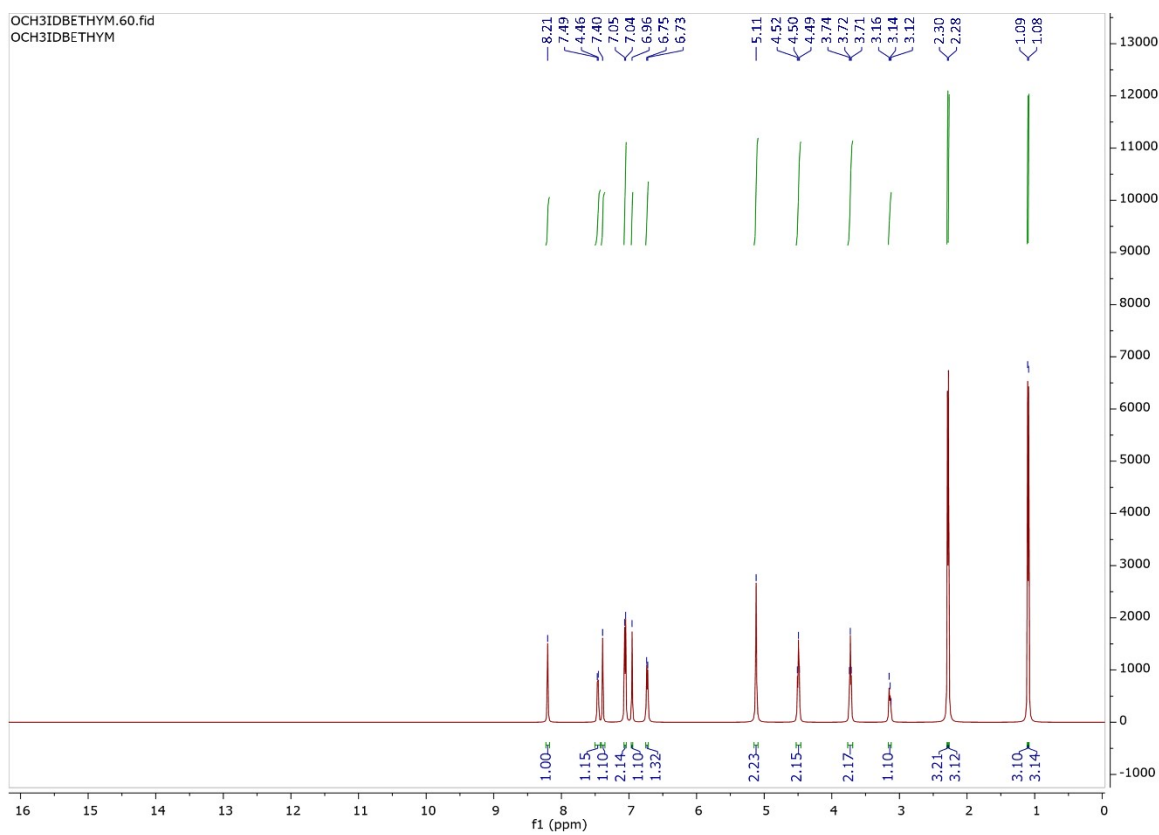


¹³C NMR spectrum of AS5

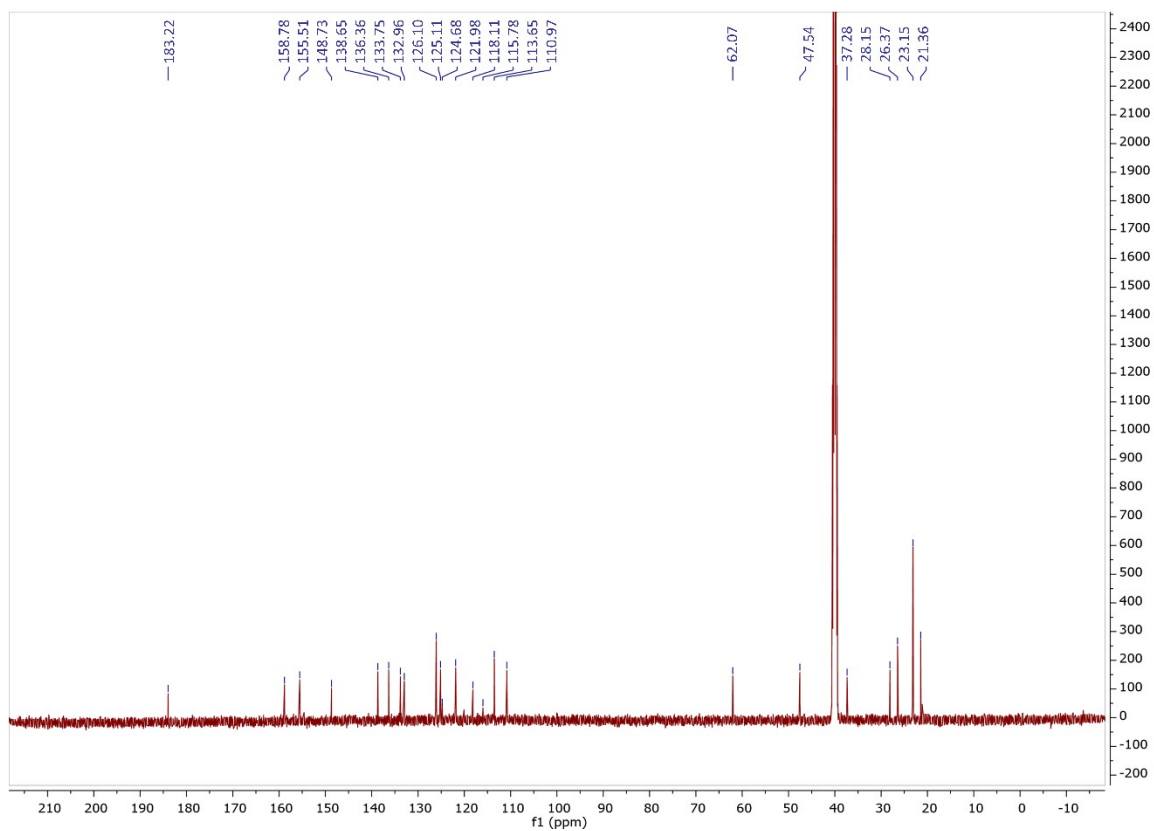


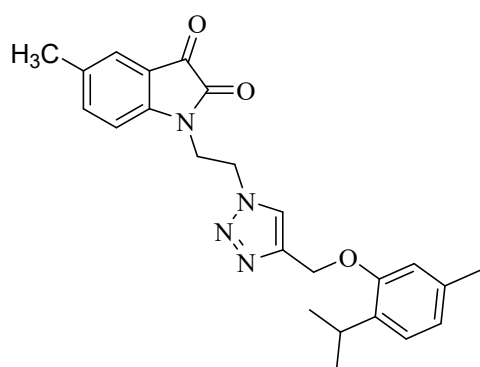


¹H NMR spectrum of AS6

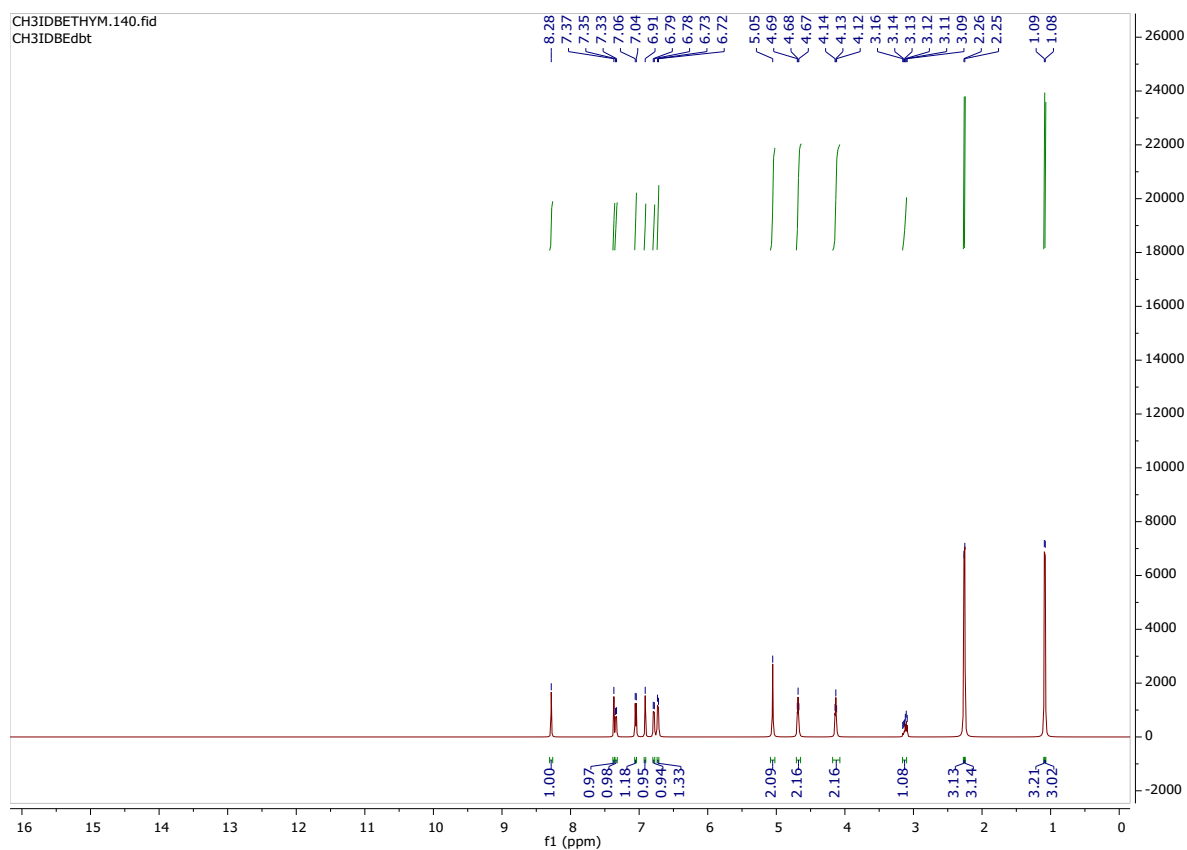


¹³C NMR spectrum of AS6

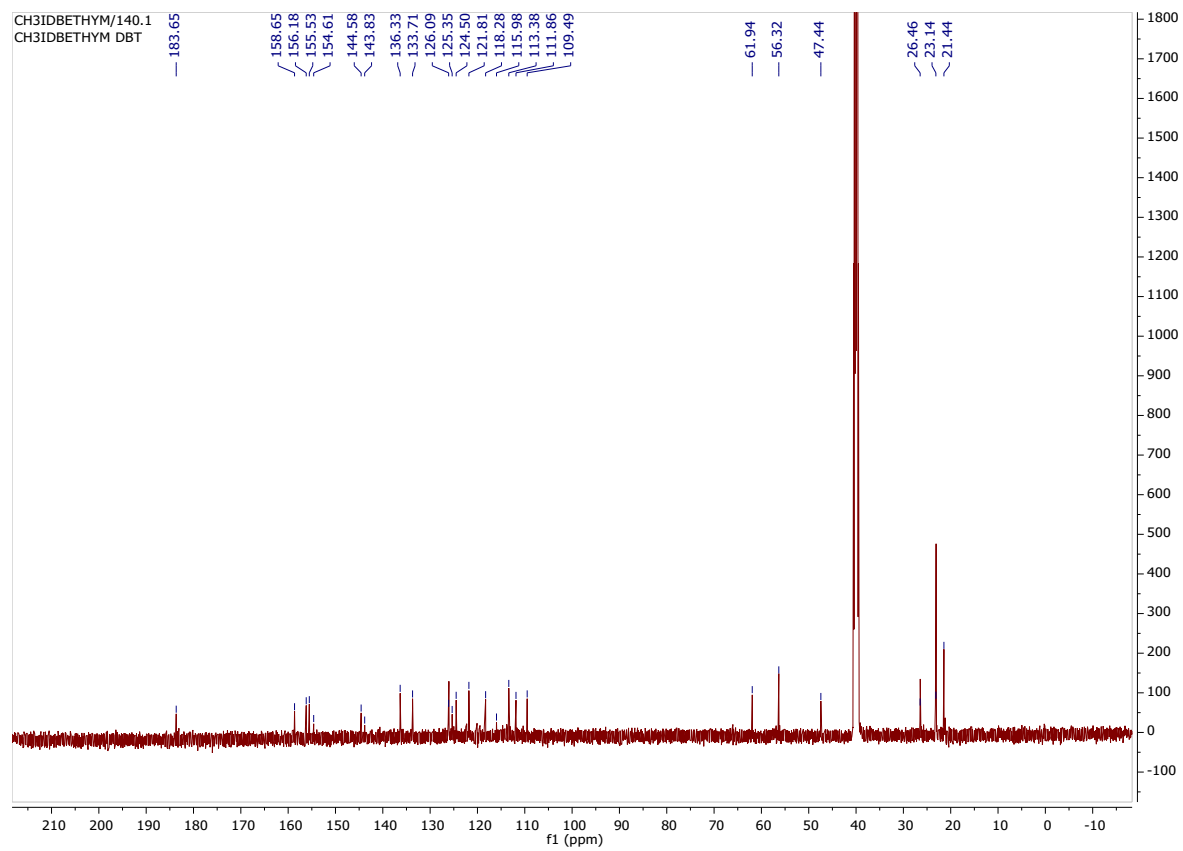


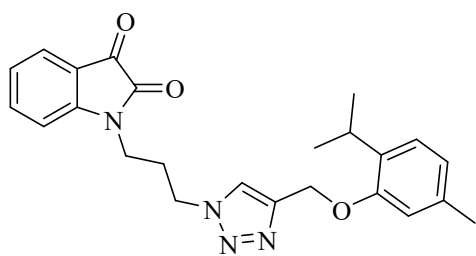


¹H NMR spectrum of AS7

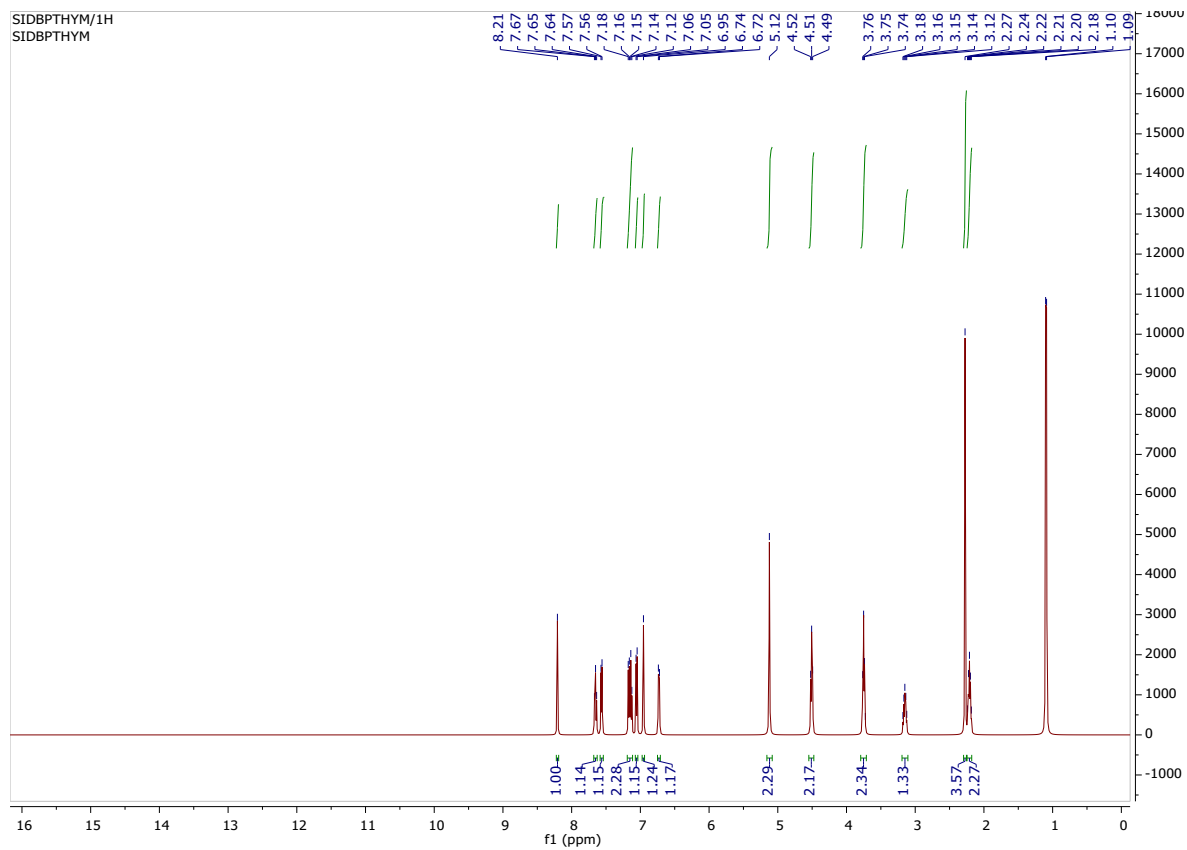


¹³C NMR spectrum of AS7

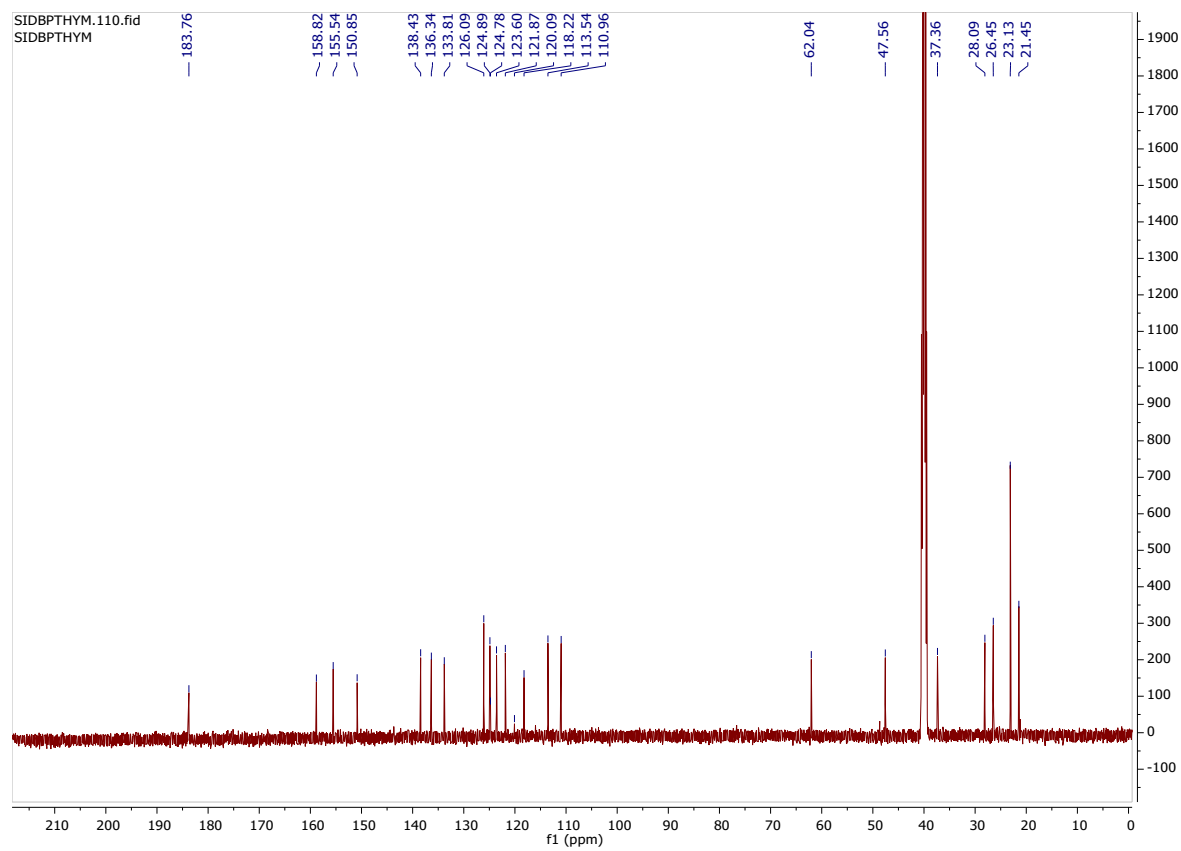


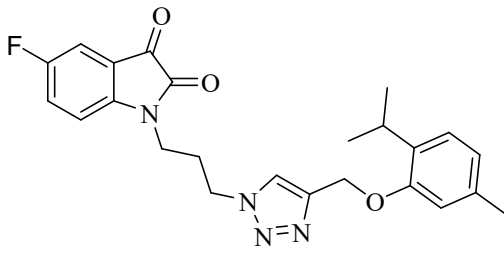


¹H NMR spectrum of AS8

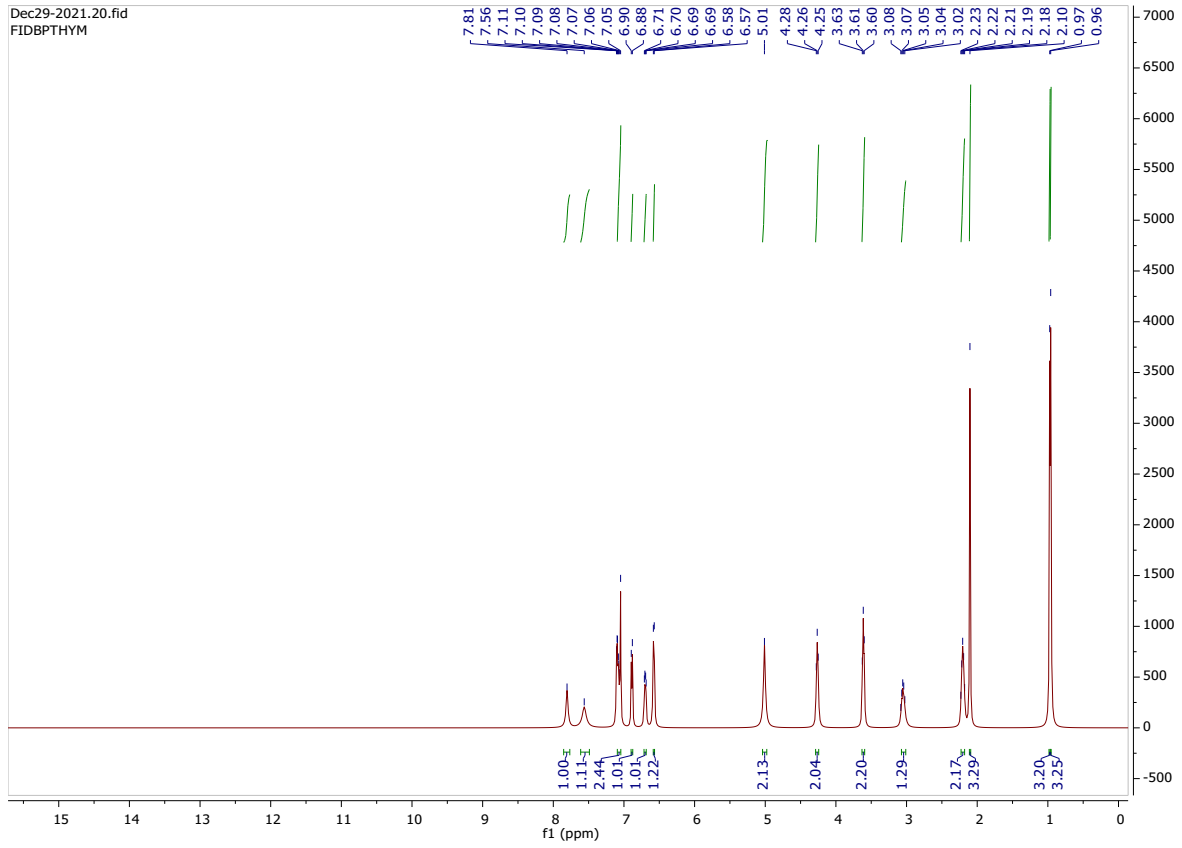


¹³C NMR spectrum of AS8

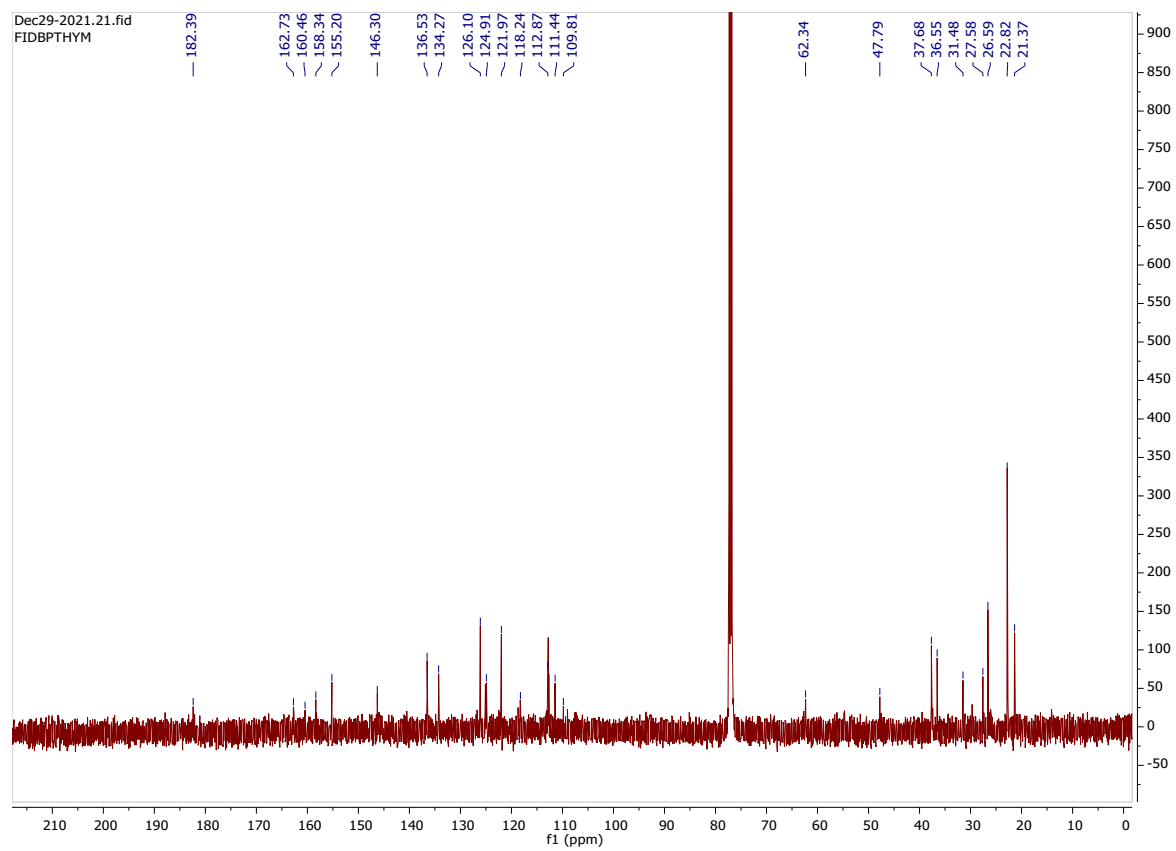


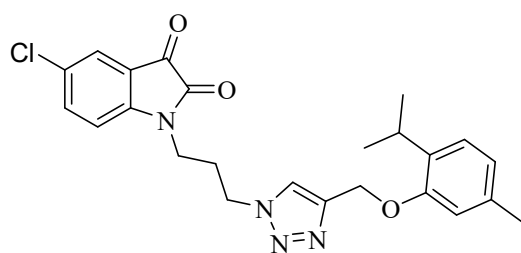


¹H NMR spectrum of AS9

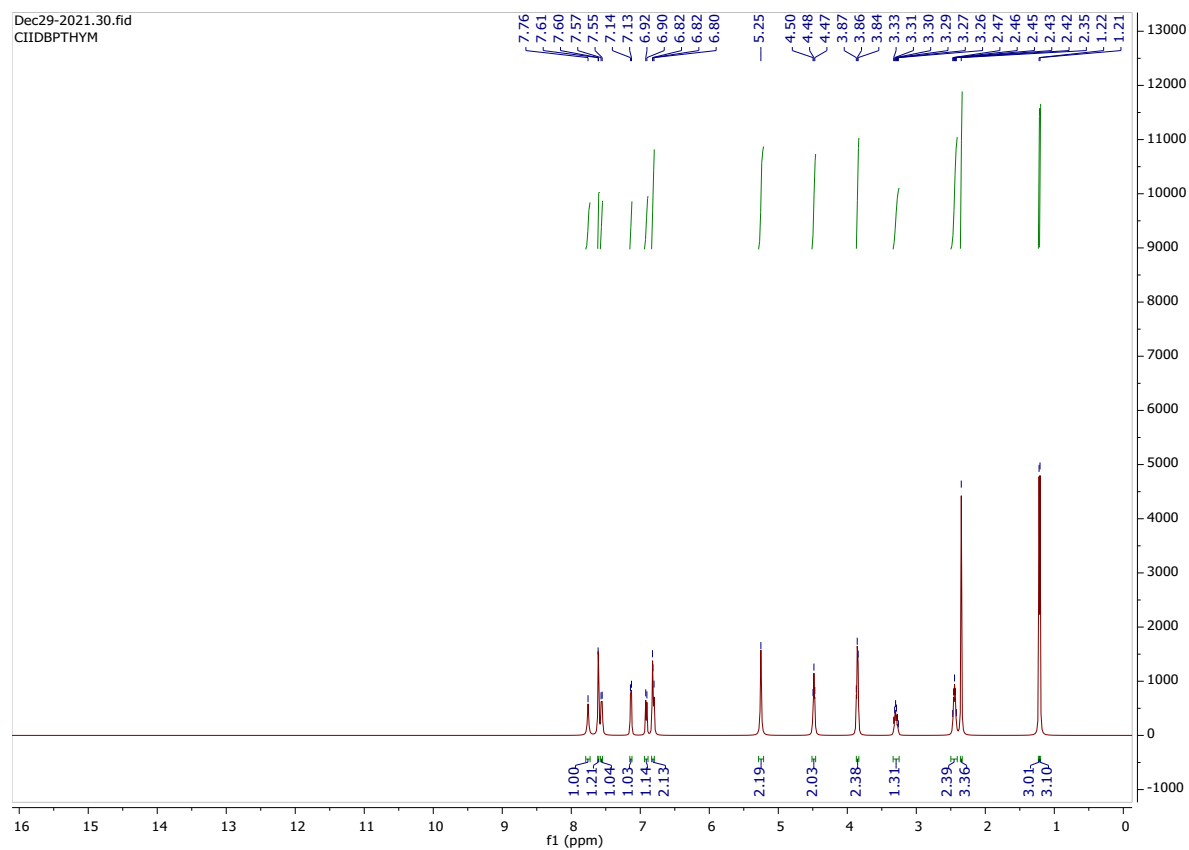


¹³C NMR spectrum of AS9

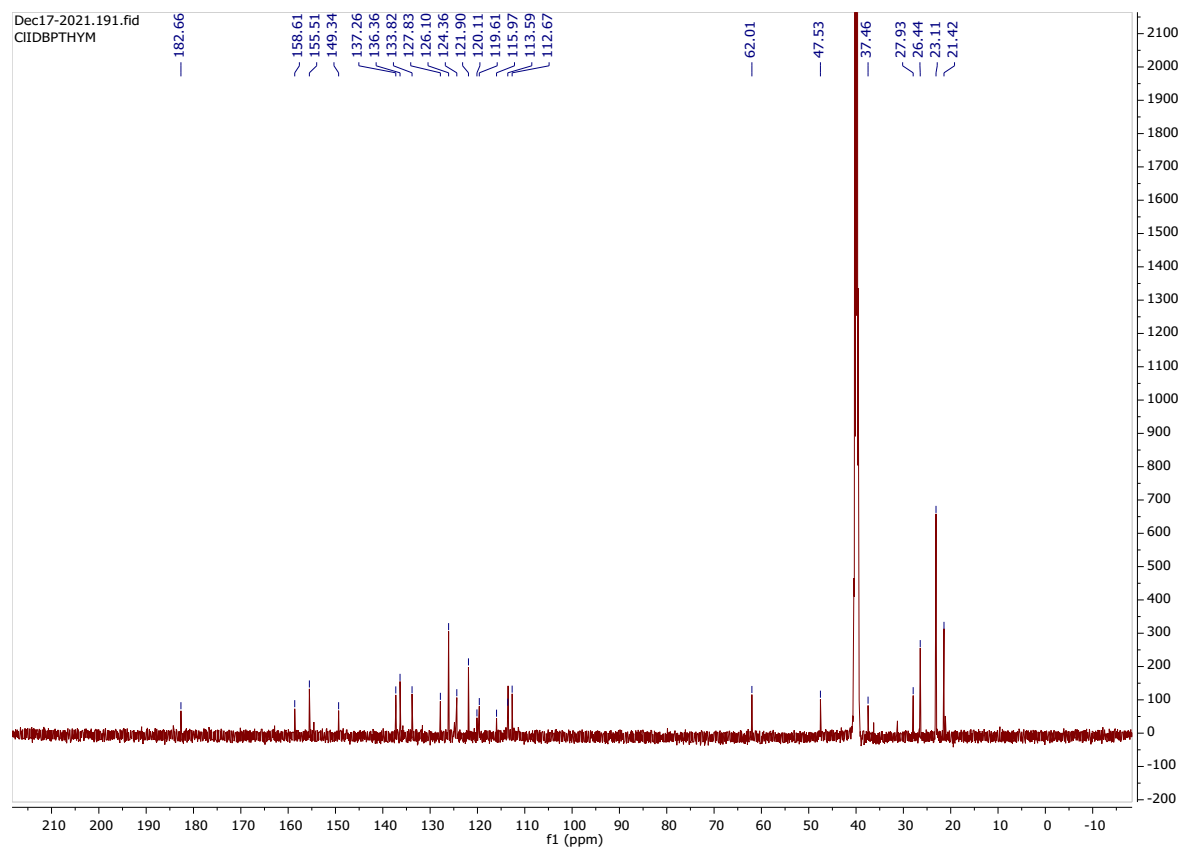


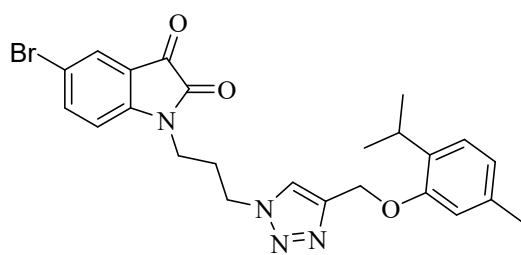


¹H NMR spectrum of AS10

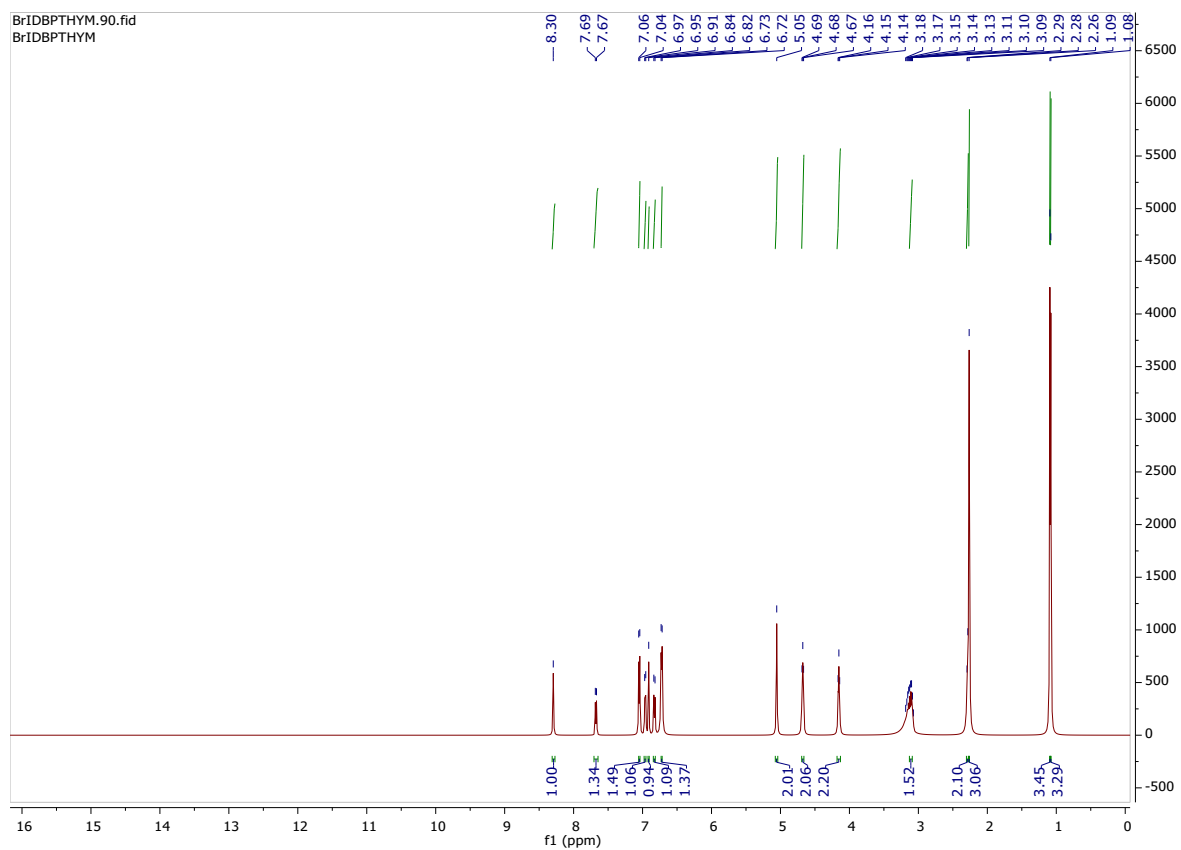


¹³C NMR spectrum of AS10

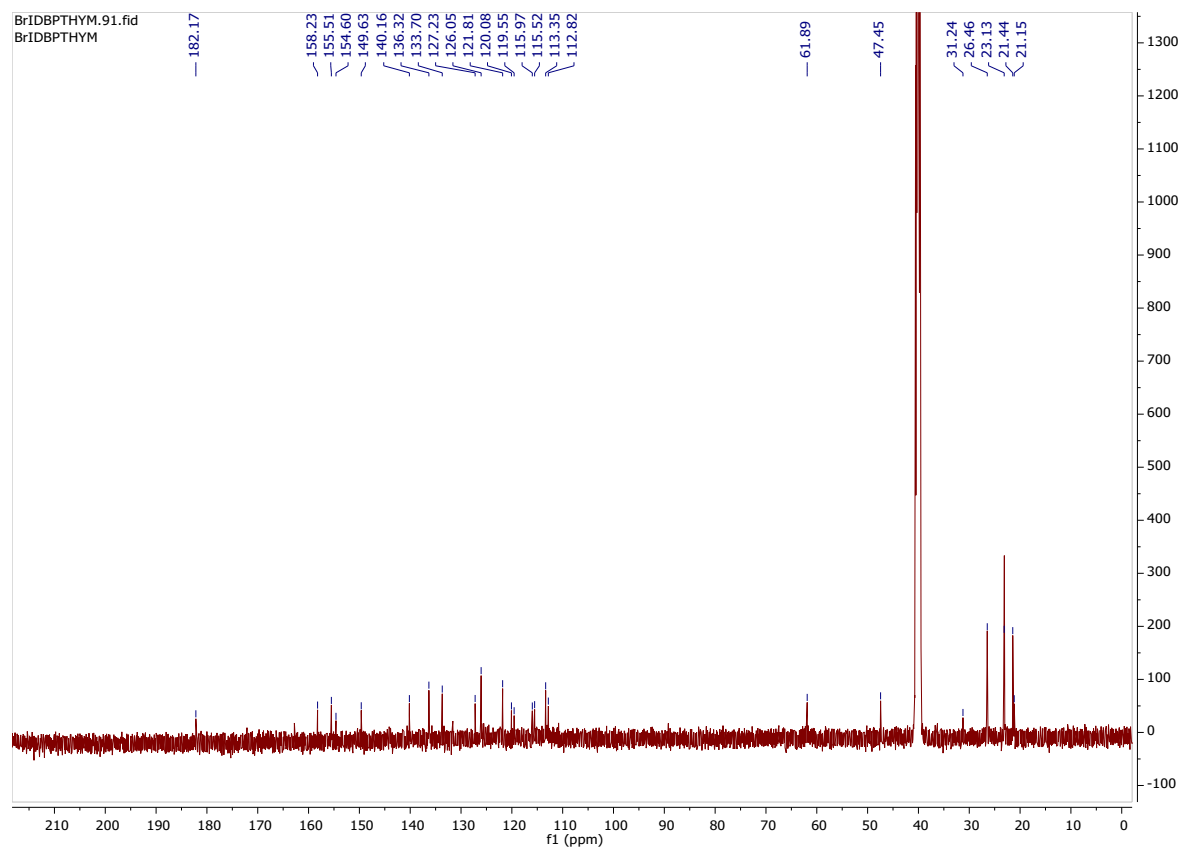


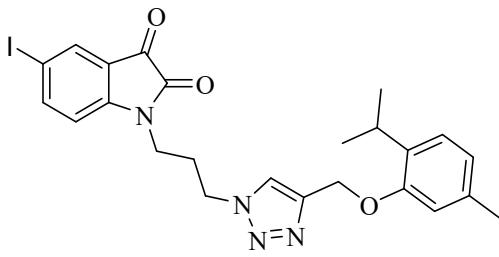


¹H NMR spectrum of AS11

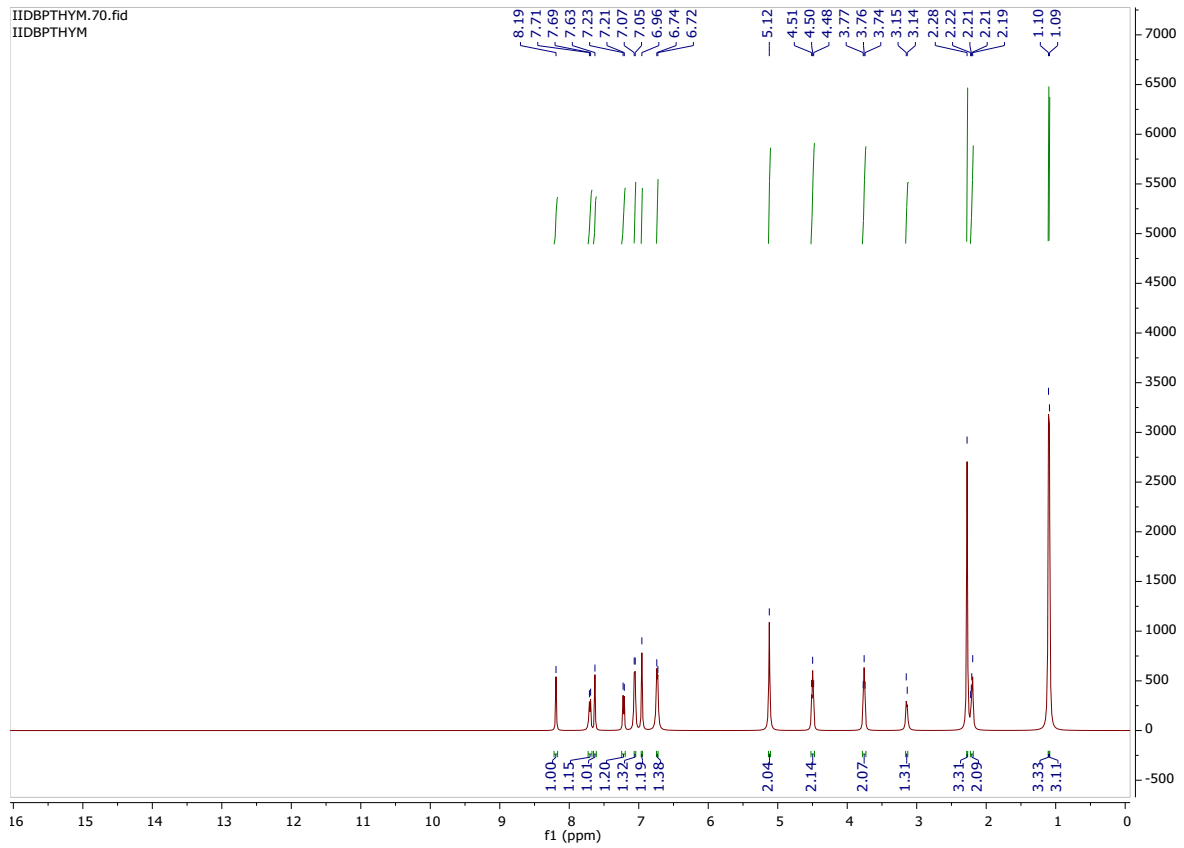


¹³C NMR spectrum of AS11

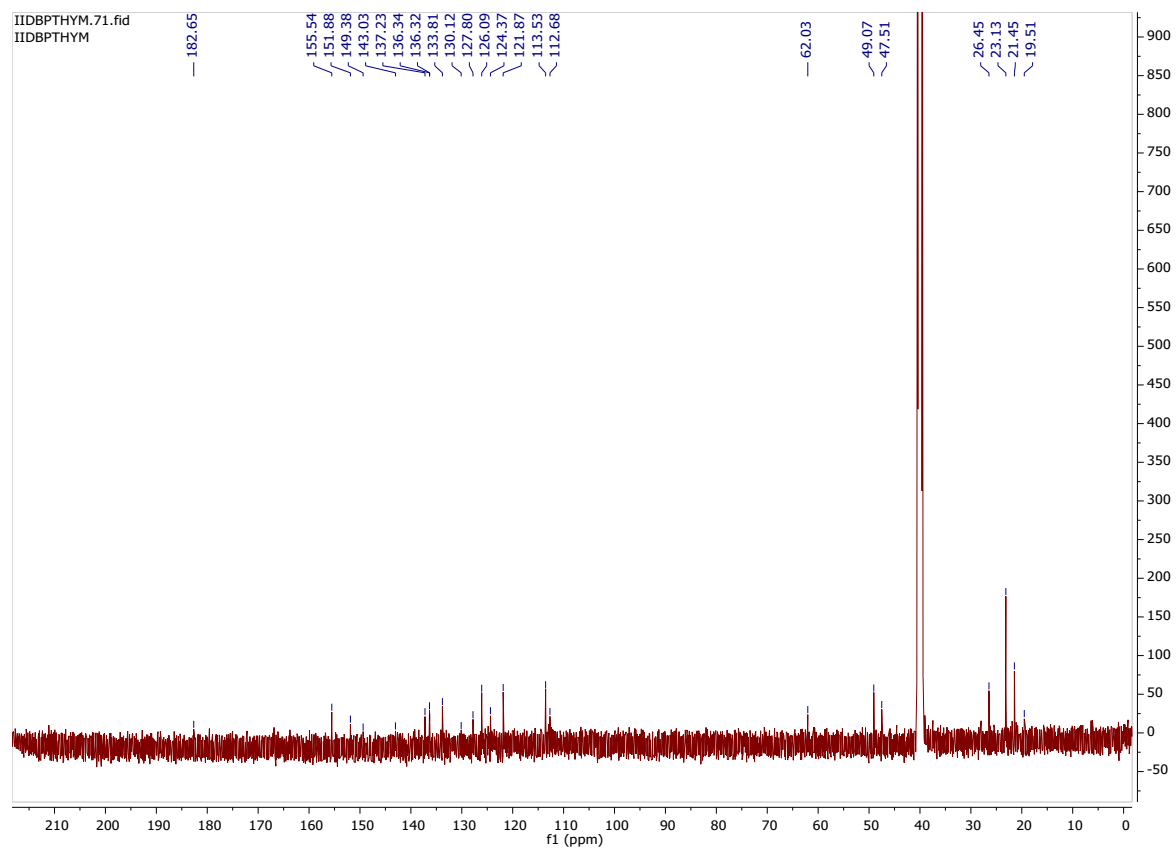


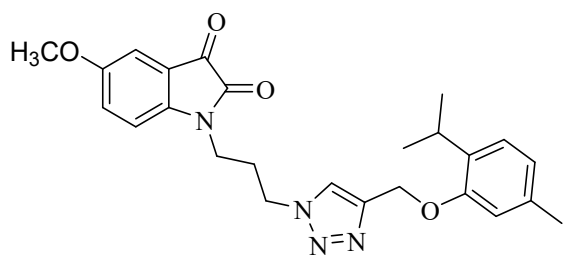


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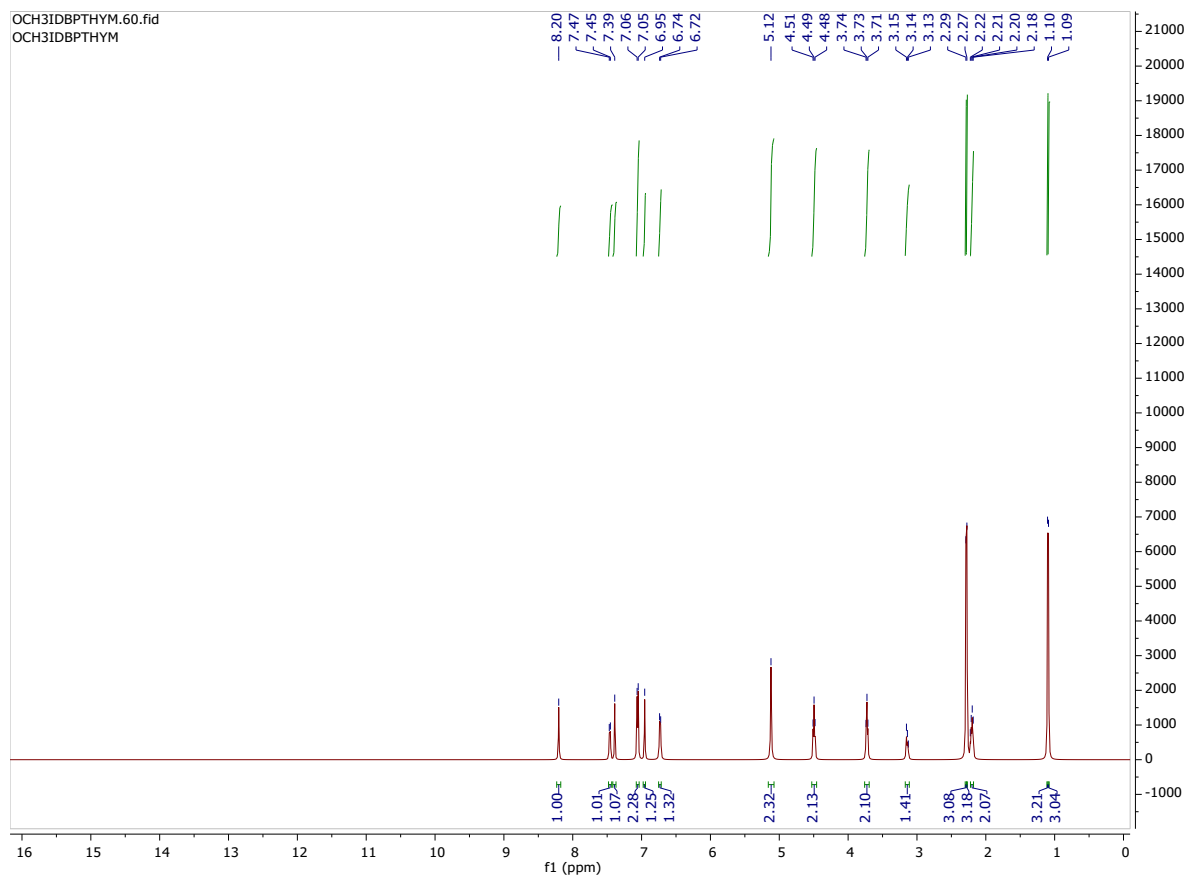


¹³C NMR spectrum of AS12

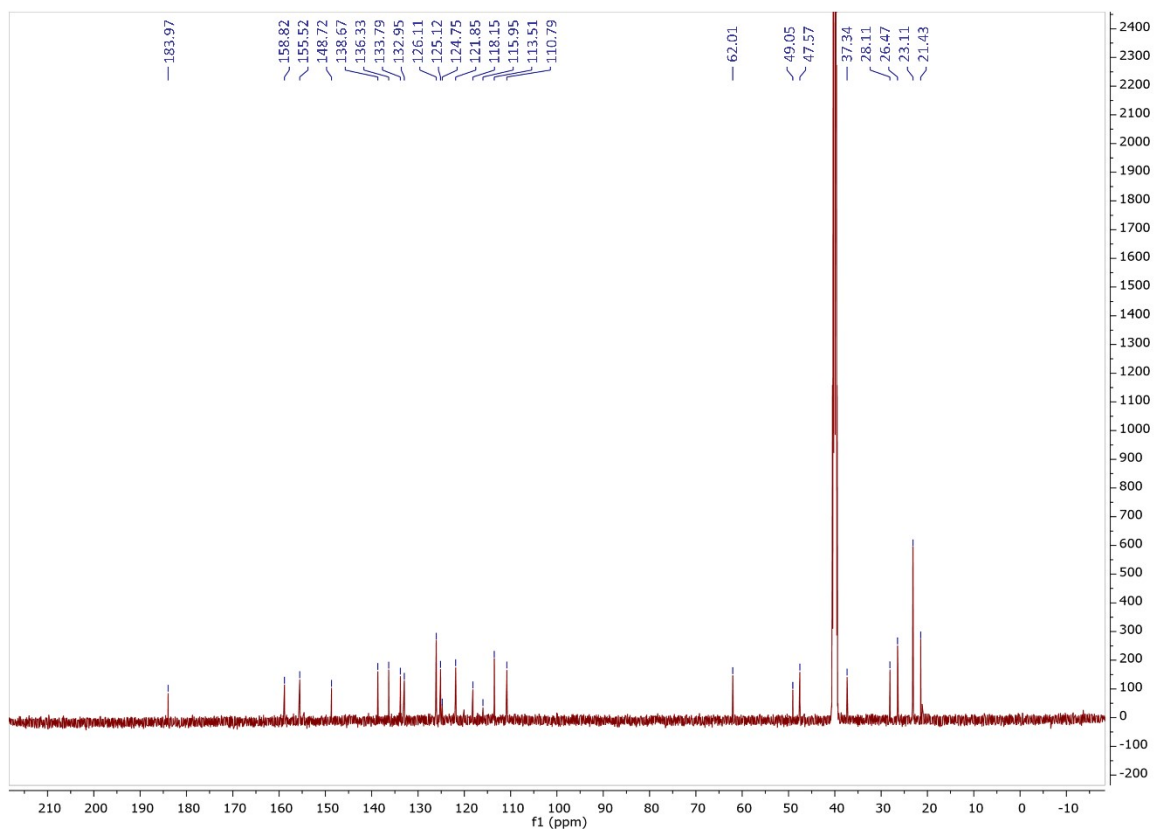


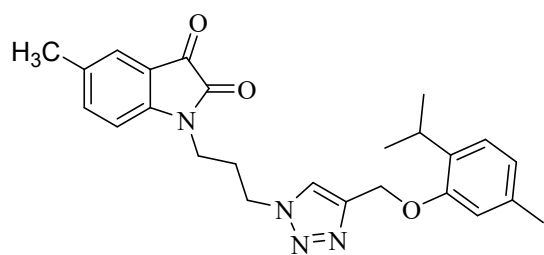


¹H NMR spectrum of AS13

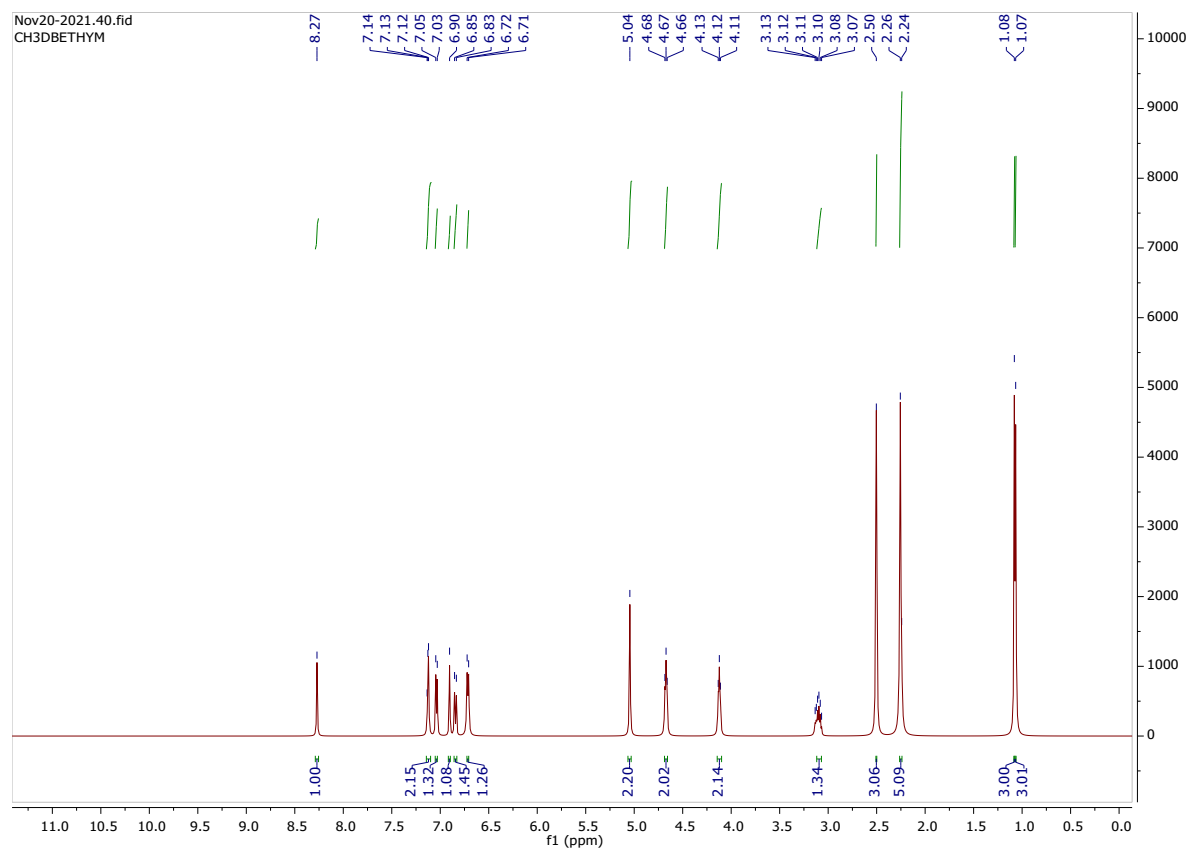


¹³C NMR spectrum of AS13

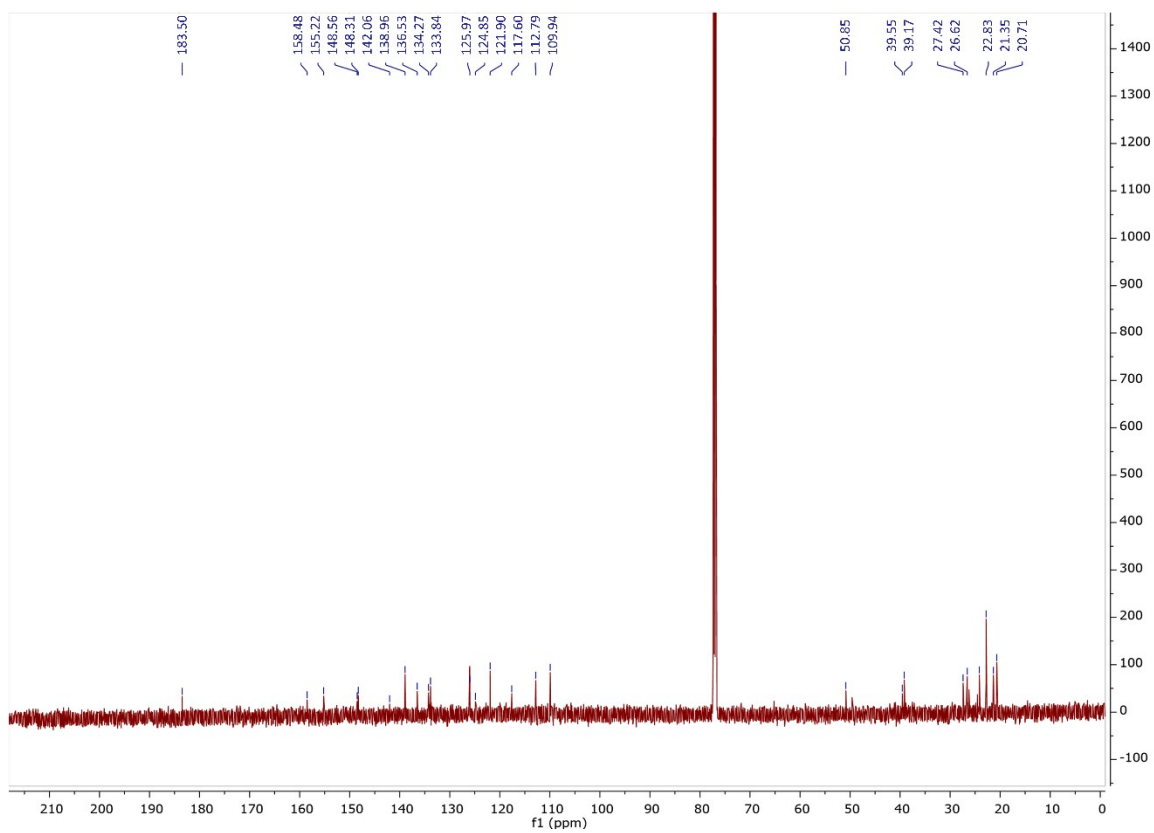


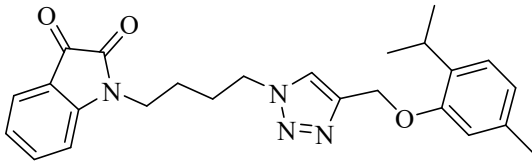


¹H NMR spectrum of AS14

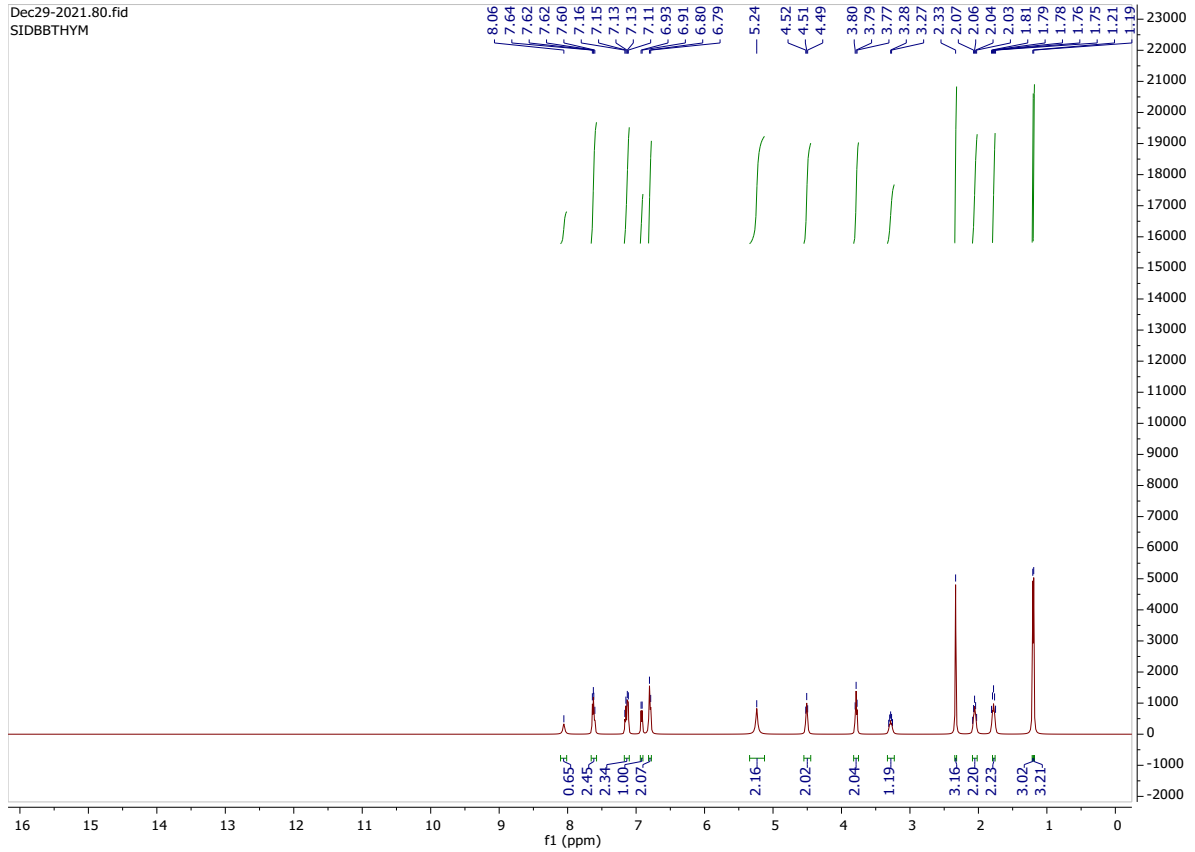


¹³C NMR spectrum of AS14

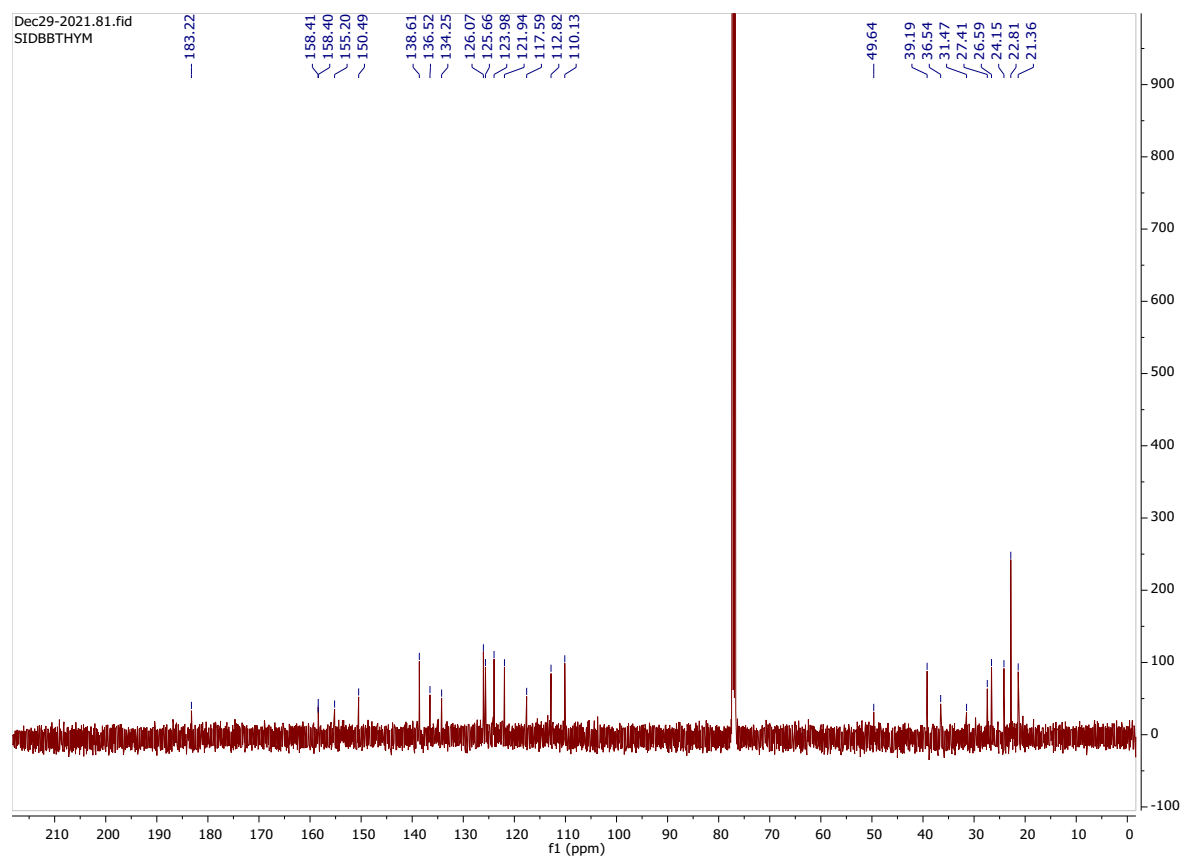


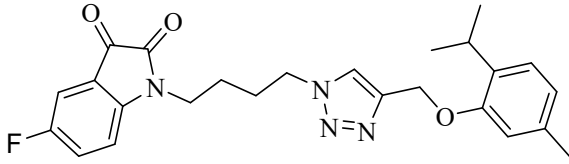


¹H NMR spectrum of AS15

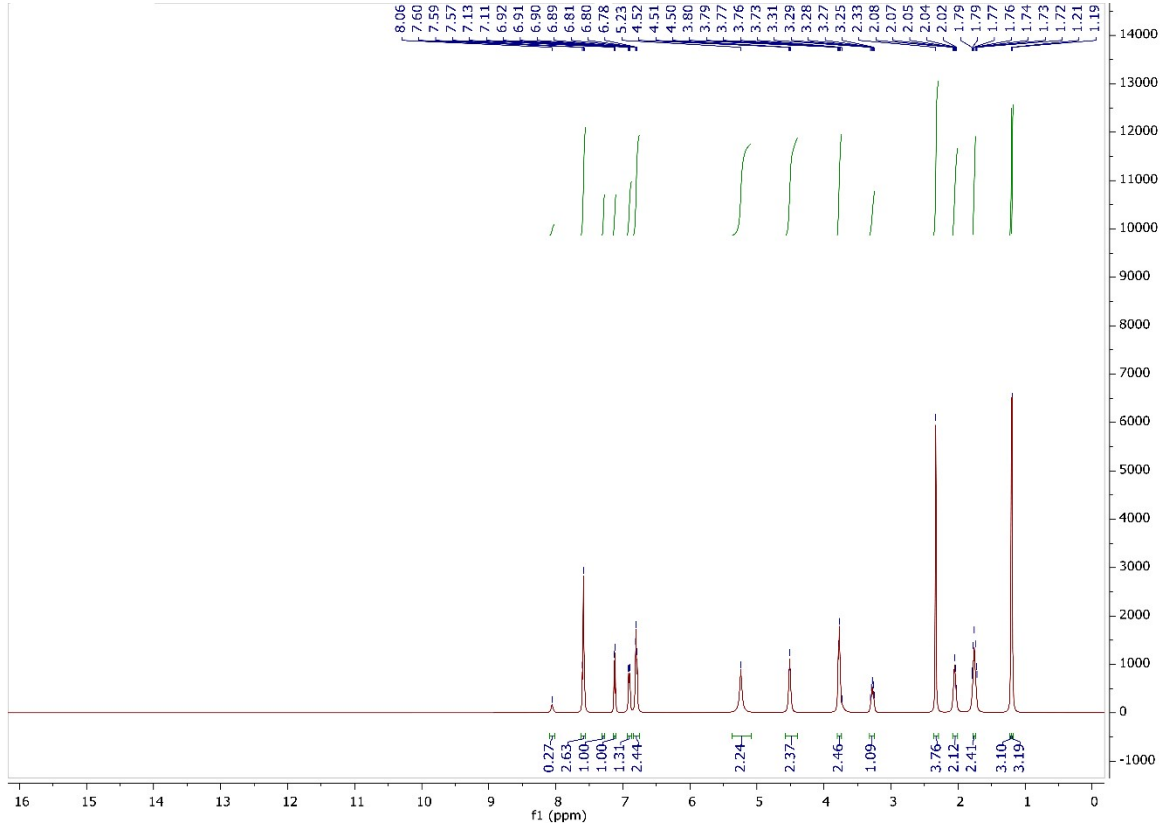


¹³C NMR spectrum of AS15

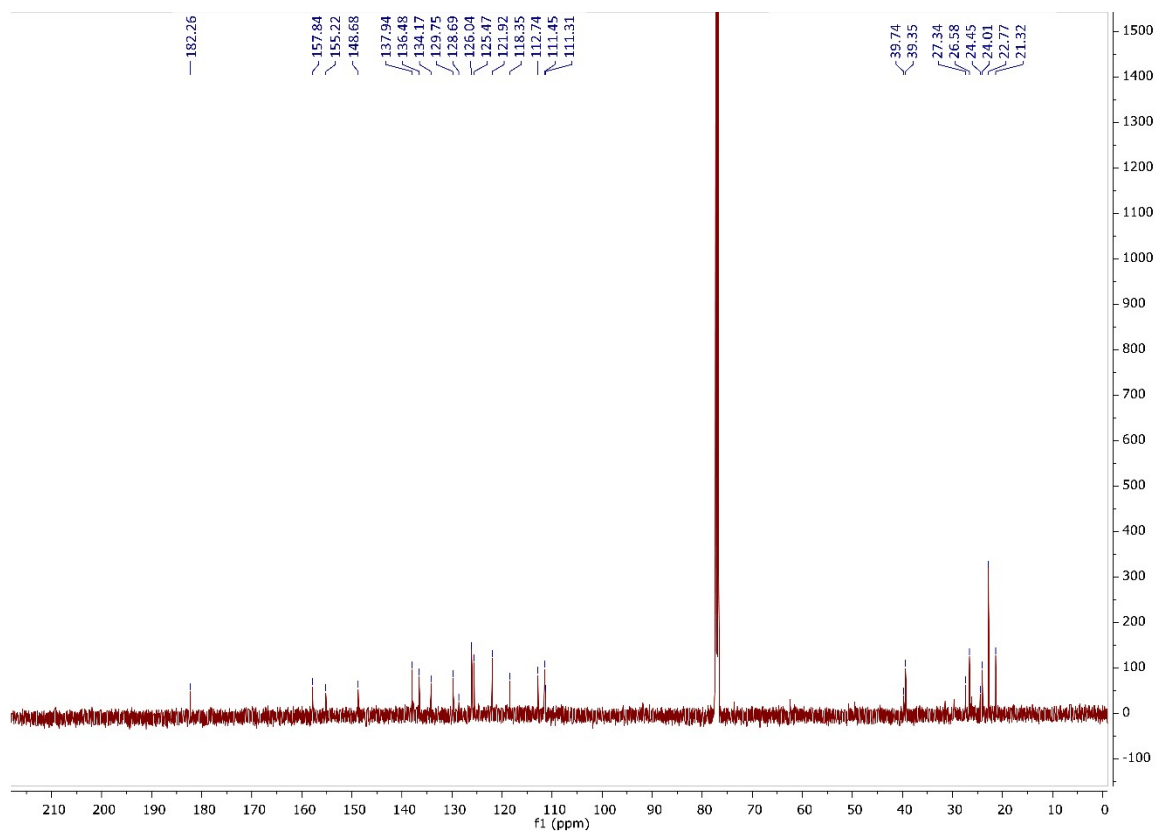


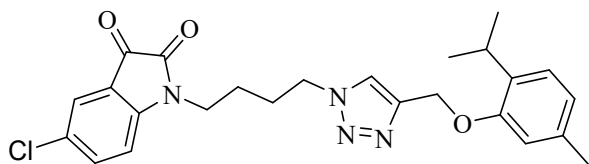


¹H NMR spectrum of AS16

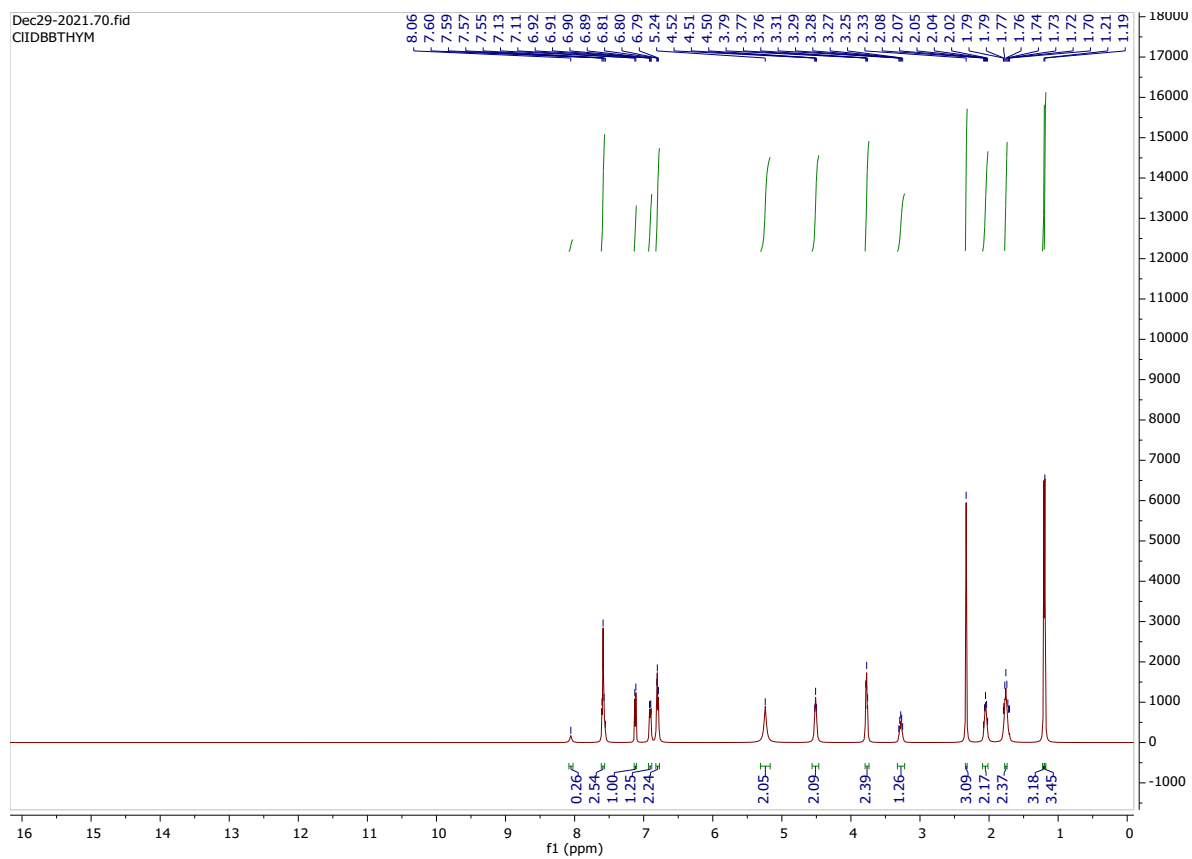


^{13}C NMR spectrum of AS16

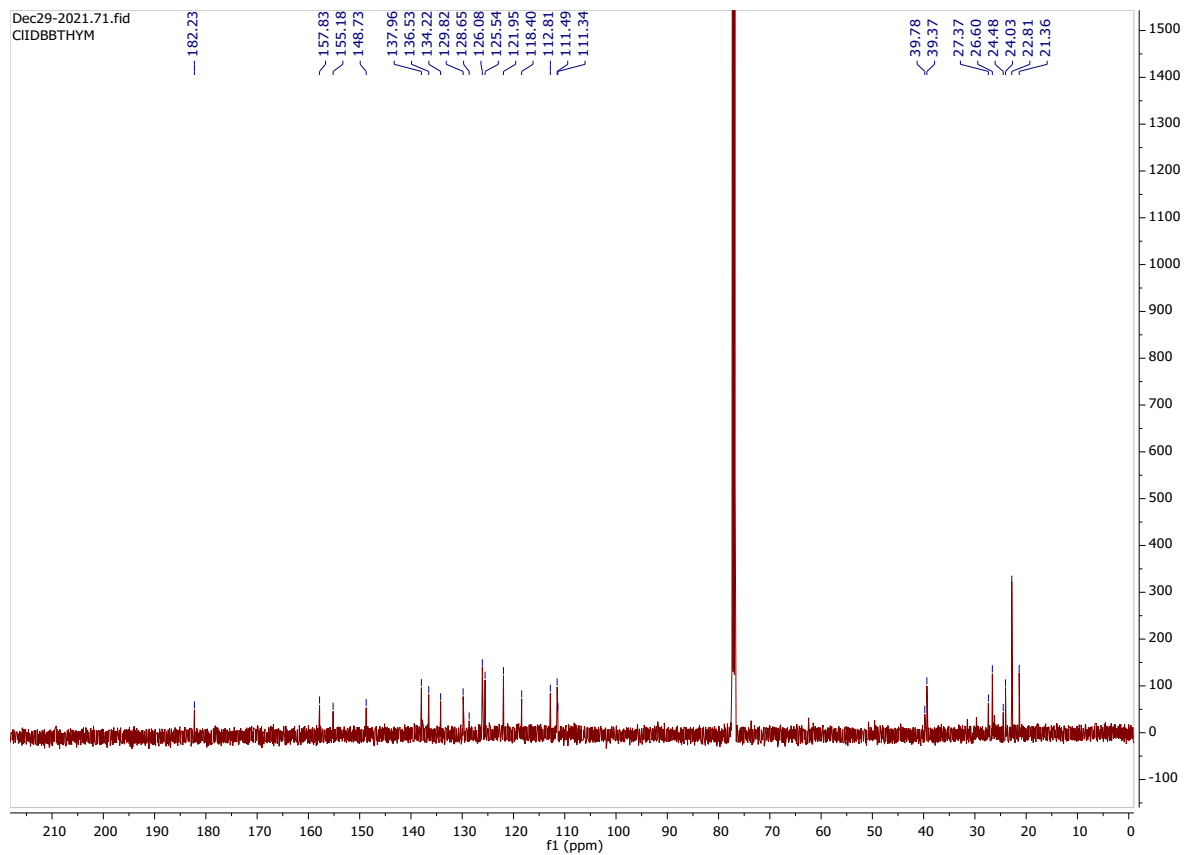


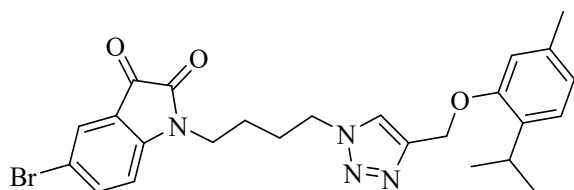


¹H NMR spectrum of AS17

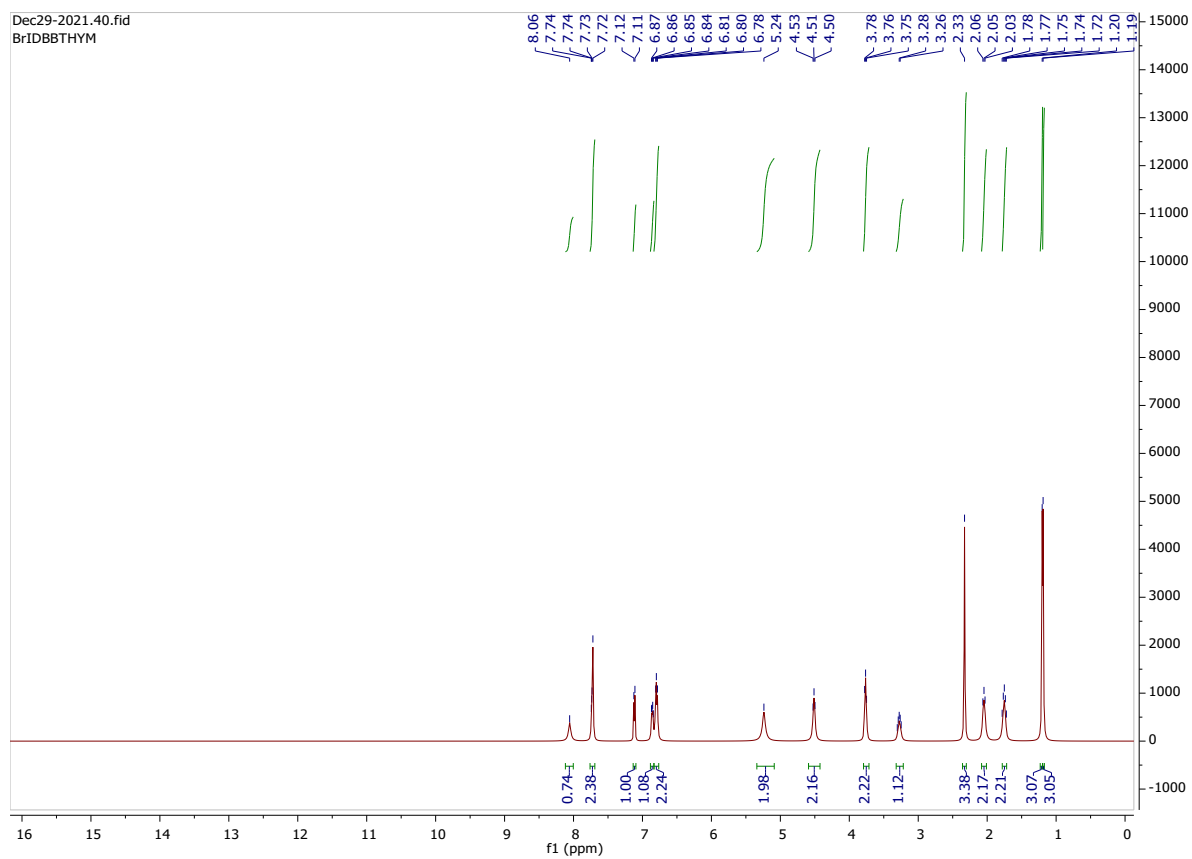


¹³C NMR spectrum of AS17

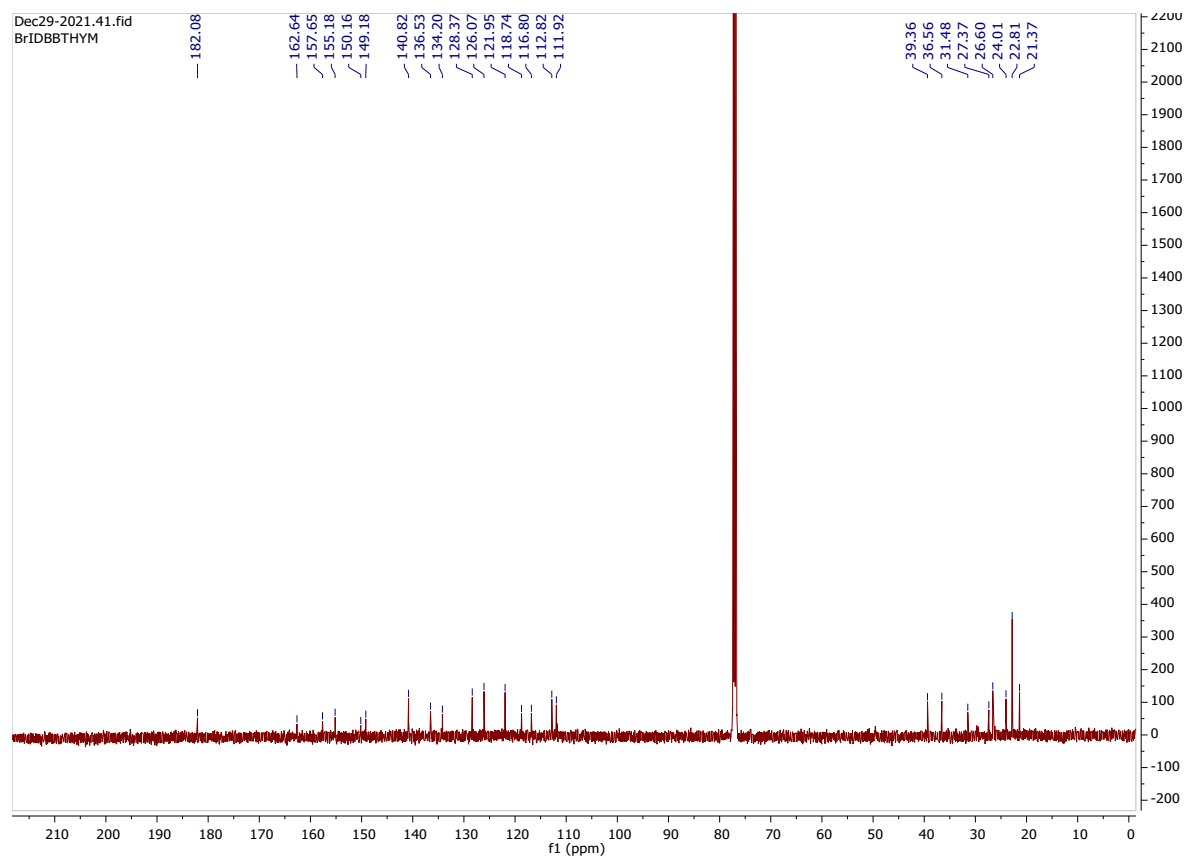


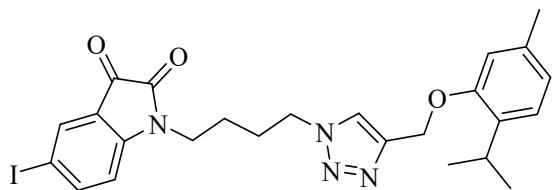


¹H NMR spectrum of AS18

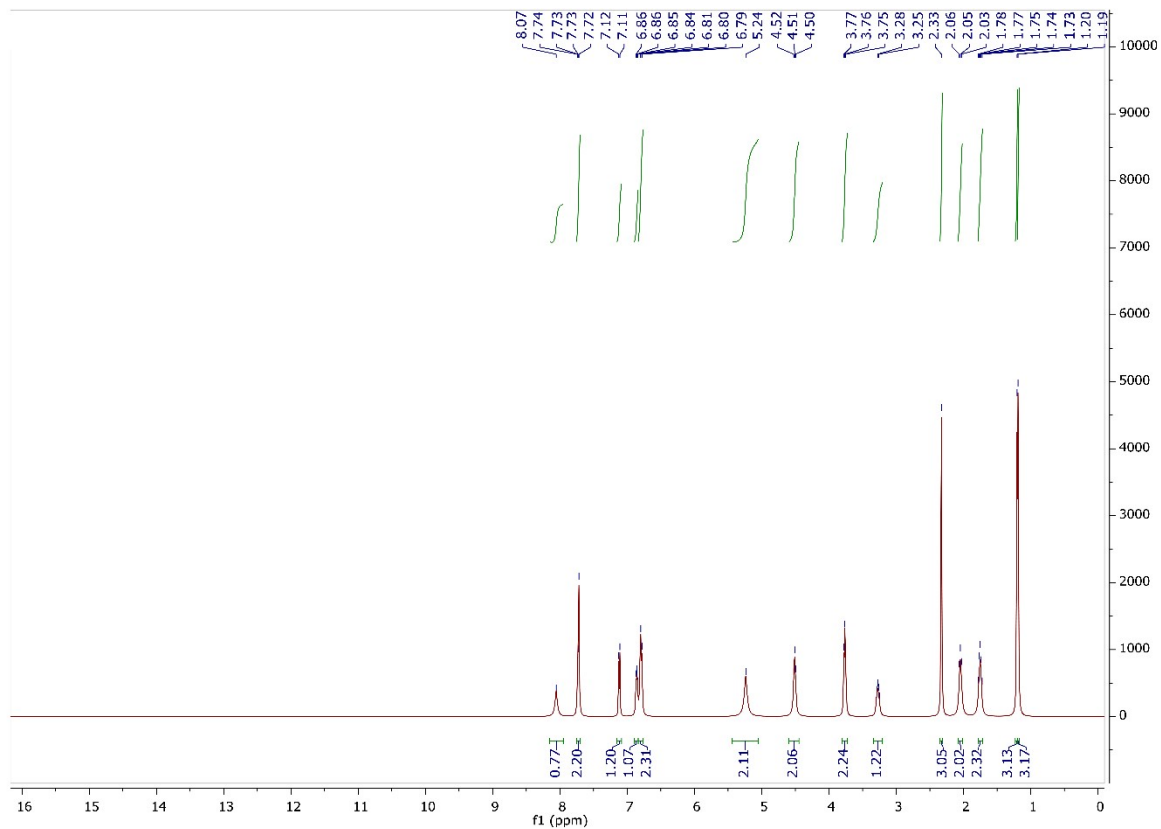


¹³C NMR spectrum of AS18

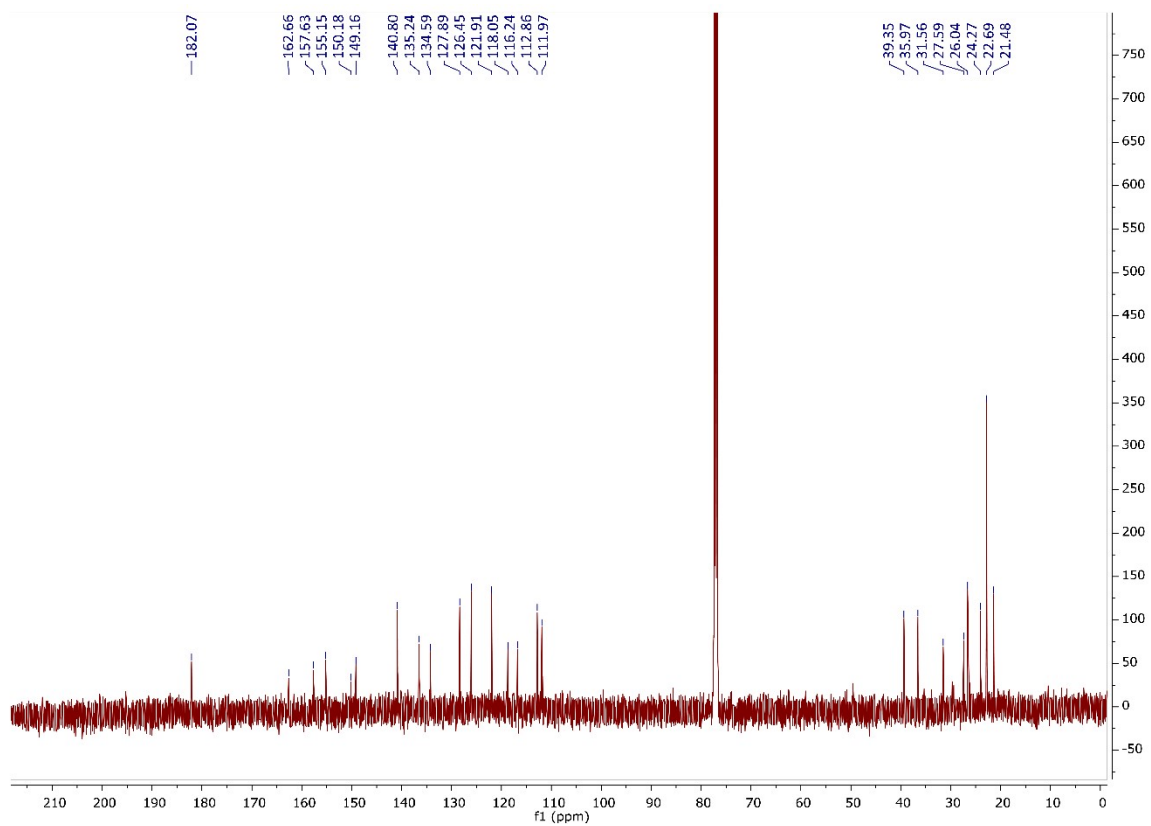


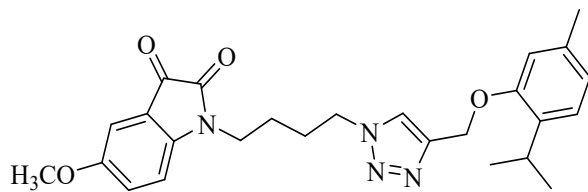


¹H NMR spectrum of AS19

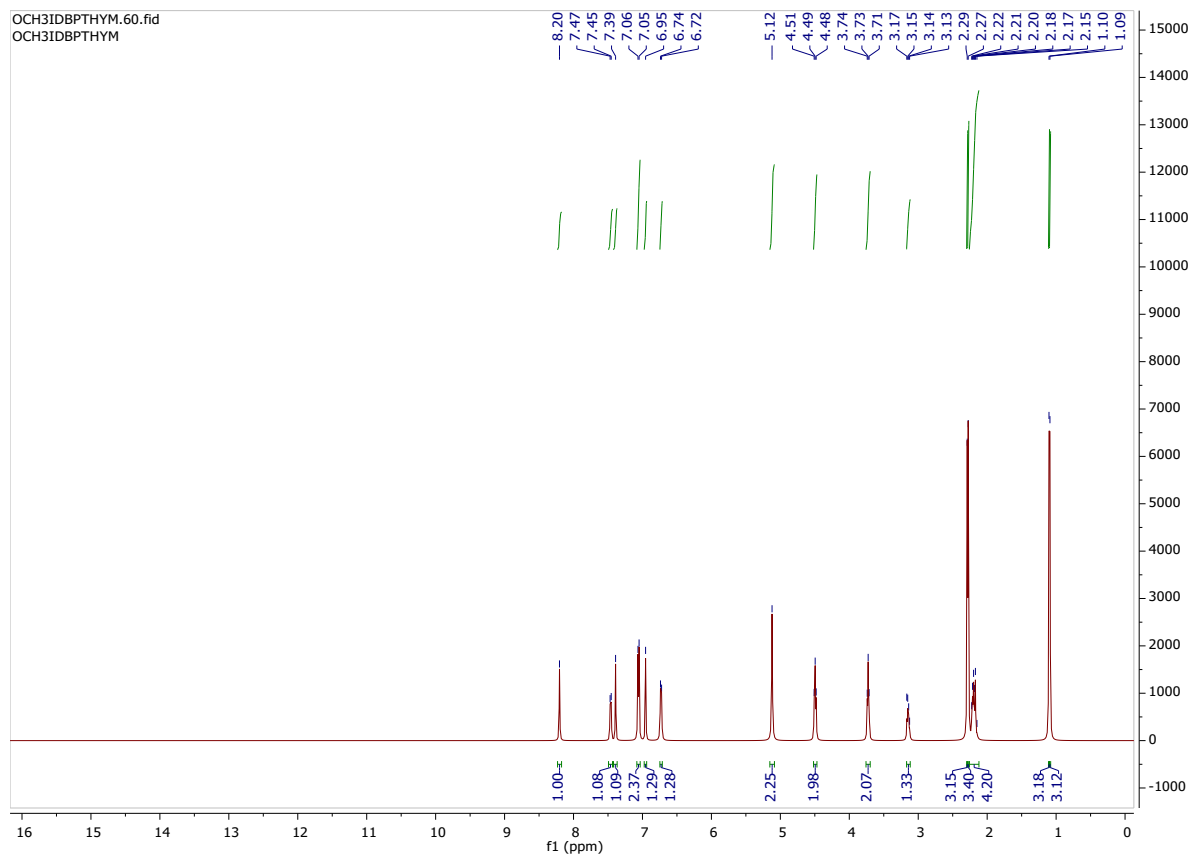


^{13}C NMR spectrum of AS19

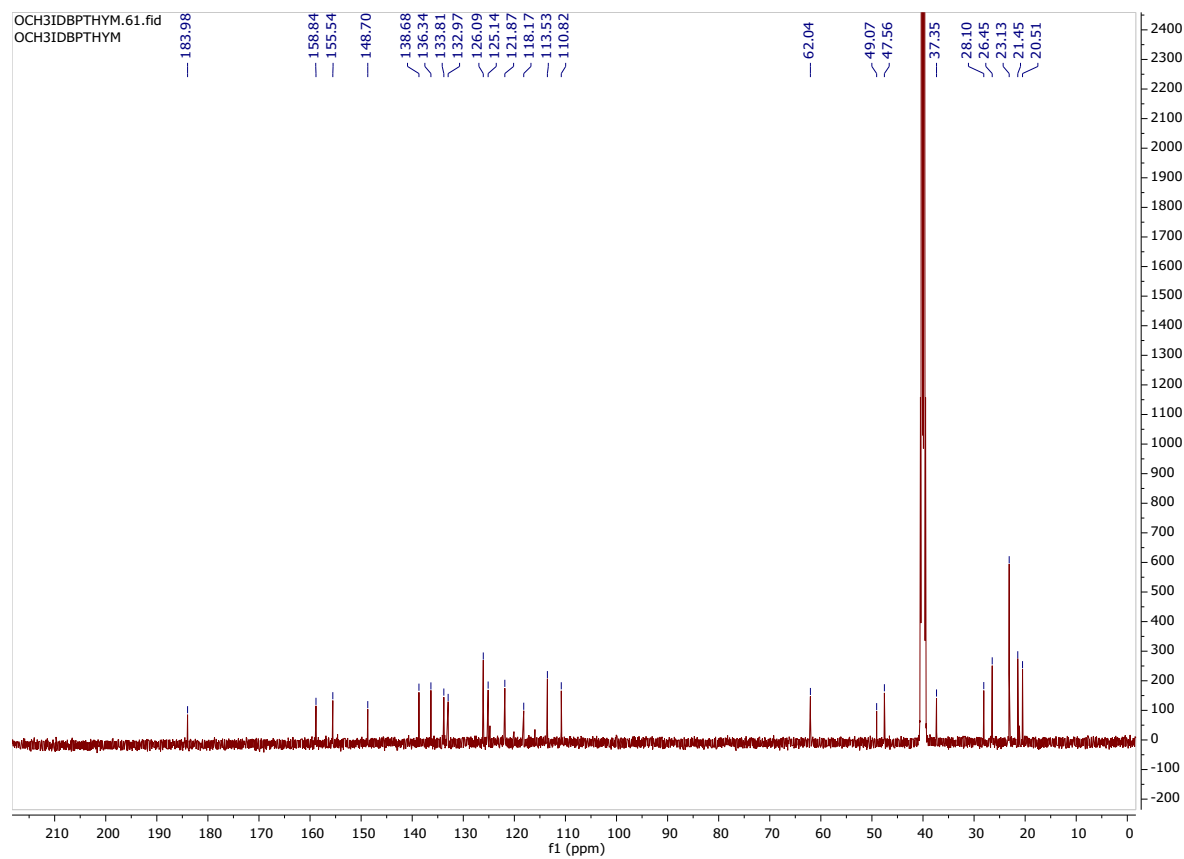


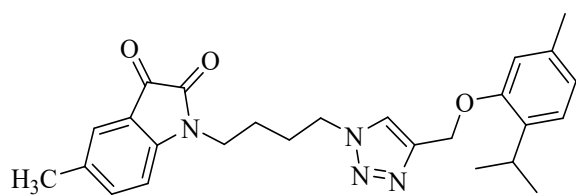


¹H NMR spectrum of AS20

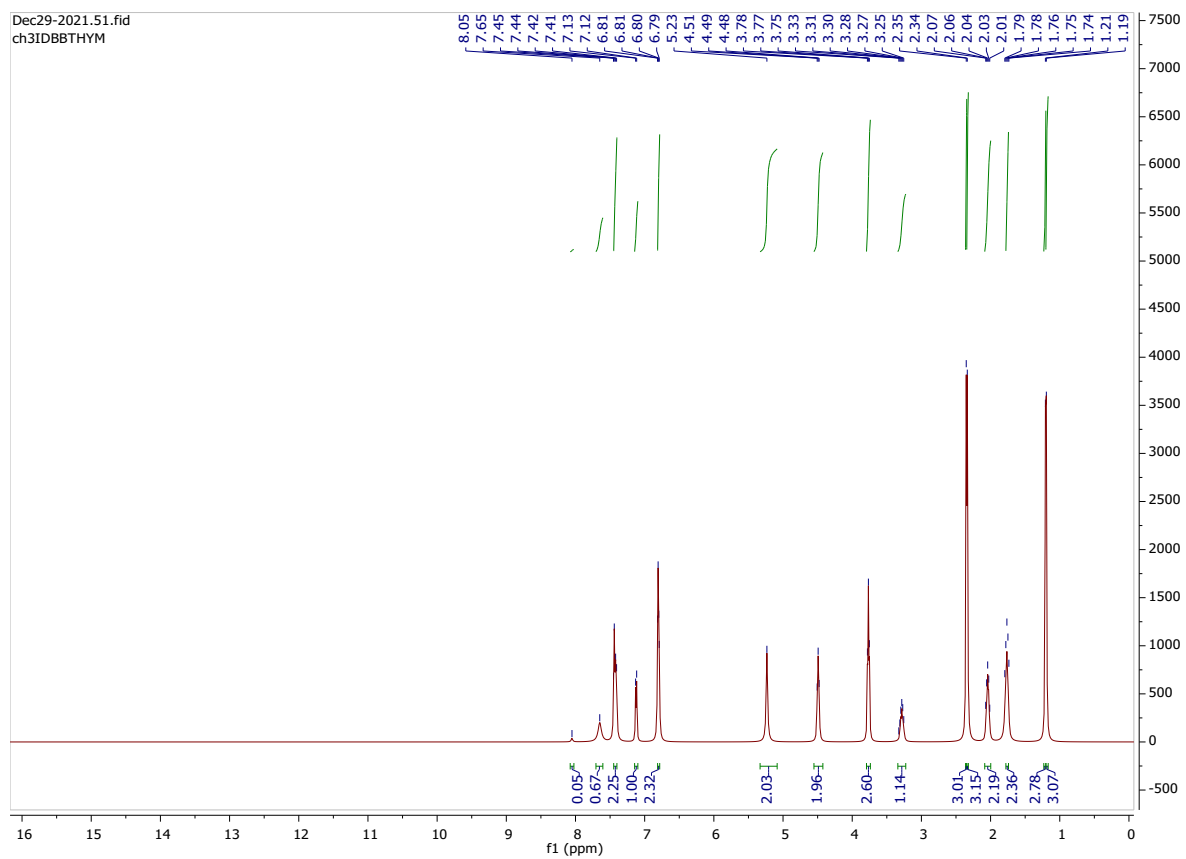


¹³C NMR spectrum of AS20





¹H NMR spectrum of AS21



^{13}C NMR spectrum of AS21

