Supplemental Data

Synthesis and anti-actinomycotic activity of thiocyanato derivative of oligomycin A modified in the 2-oxypropyl side chain

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General Information

^{1}H and ^{13}C 1D spectra of 33-deoxy-33-thiocyanatooligomycin (**3**) were registered using high resolution impulse NMR spectrometer Bruker Avance III-HD-500 (Bruker Daltonics GmbH, Bremen, Germany) at 500.13 MHz for ^{1}H nuclei, and at 125.76 MHz for ^{13}C nuclei. Chemical shifts were measured in $CDCl_3$ using tetramethylsilane as internal standard. UV spectra were registered using UV/VIS double beam spectrometer, UNICO, Dayton, NJ, USA. IR spectra were registered using Nicolet_iS10 Fourier transform IR spectrometer, Nicolet, Madison, WI, USA. HRMS (ESI) were registrated using Bruker Daltonics GmbH, Bremen, Germany.

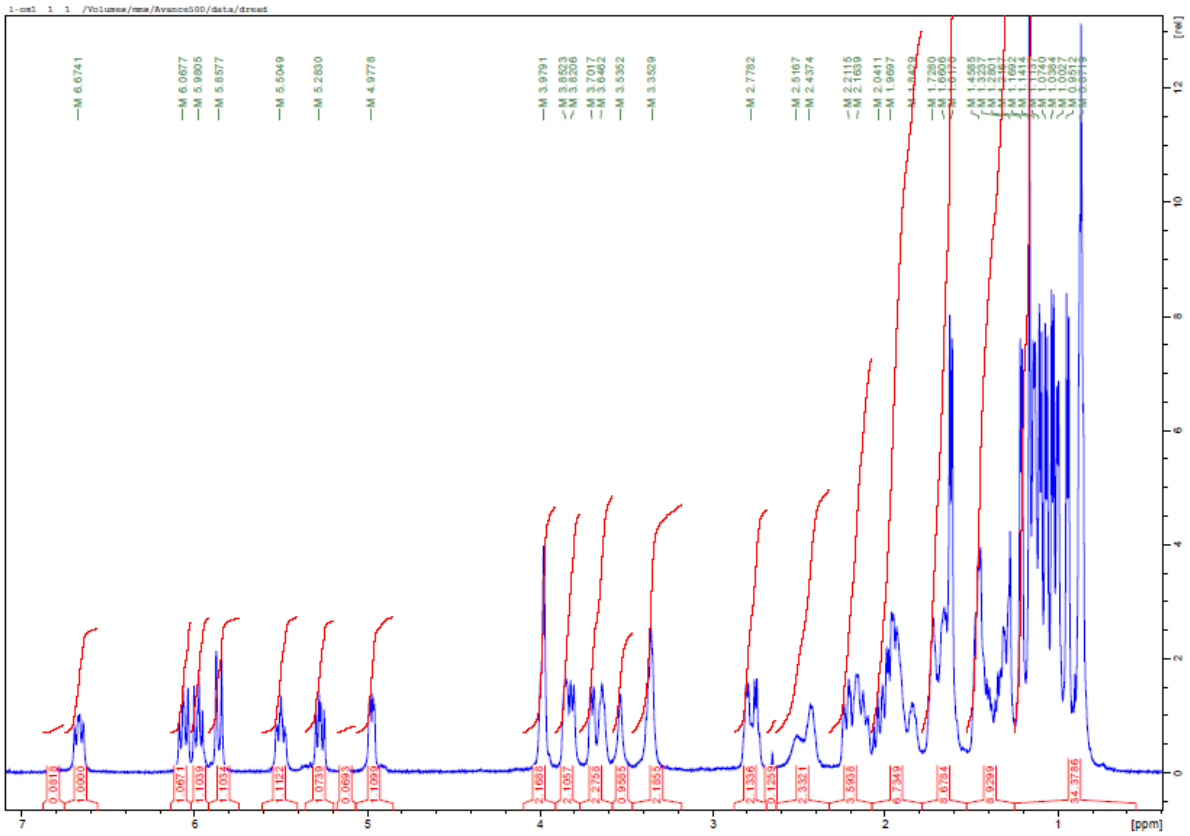

Figure S1. ^{1}H NMR spectrum 33-deoxy-33-thiocyanatooligomycin A (**3**).

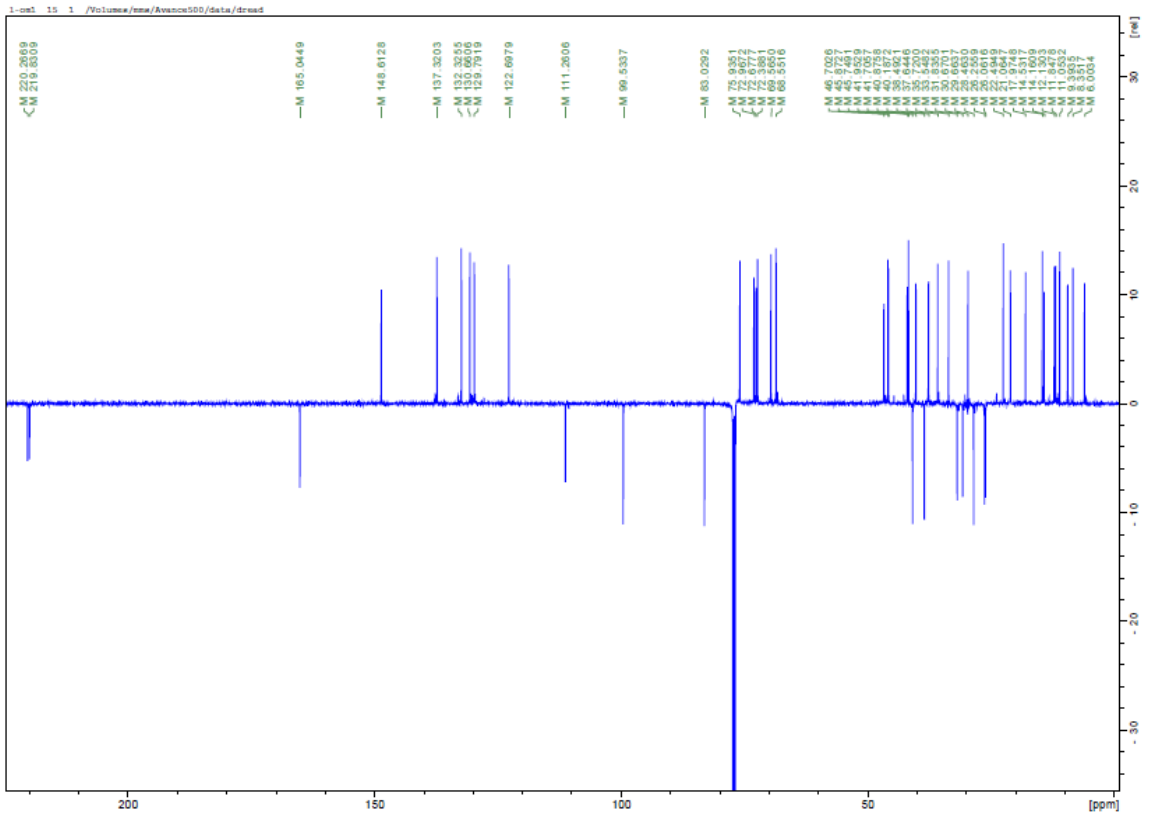

Figure S2. **^{13}C NMR** spectrum of 33-deoxy-33-thiocyanatooligomycin A (**3**).

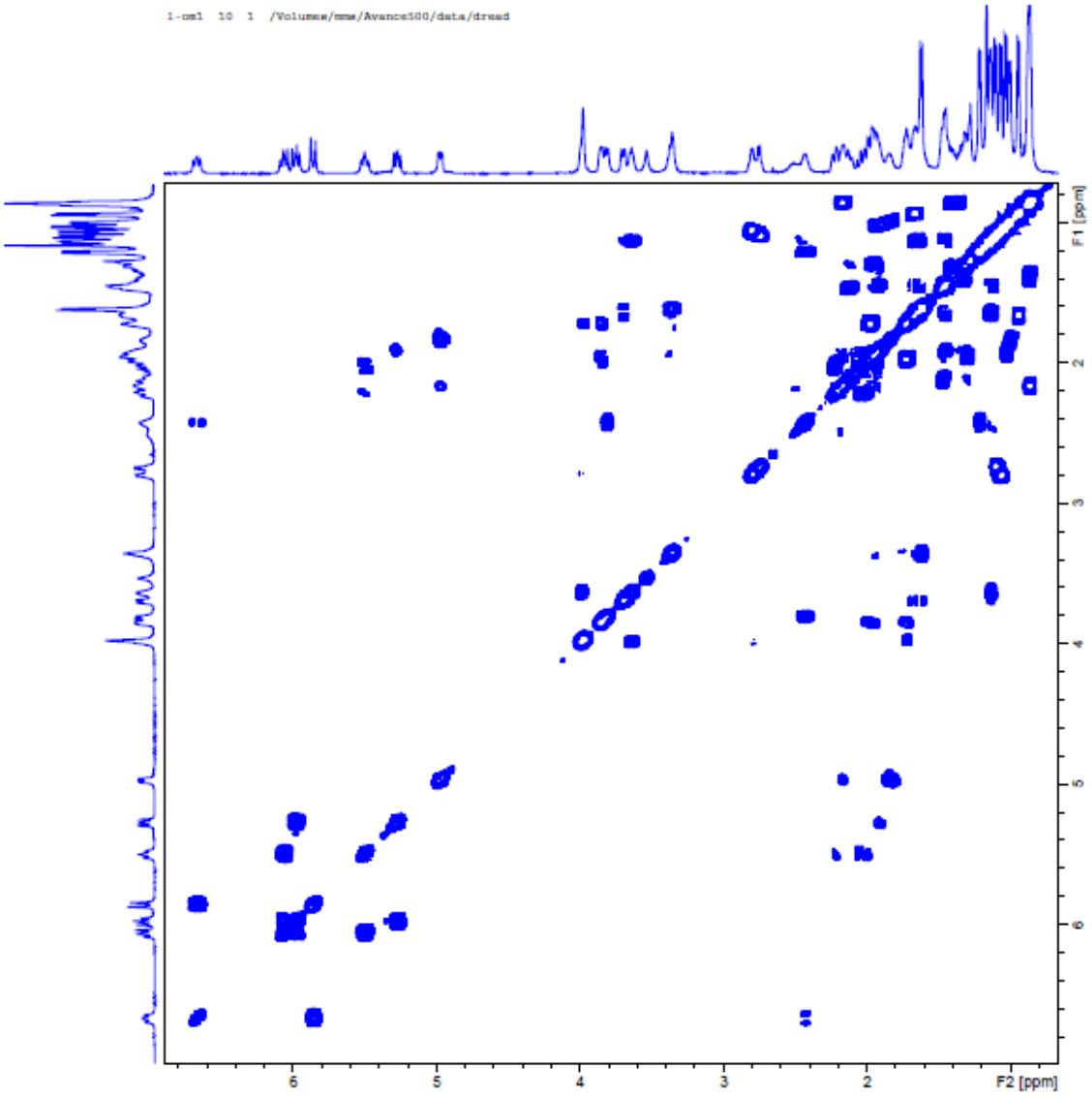

Figure S3. ^{1}H-^{1}H COSY of 33-deoxy-33-thiocyanatooligomycin A (**3**).

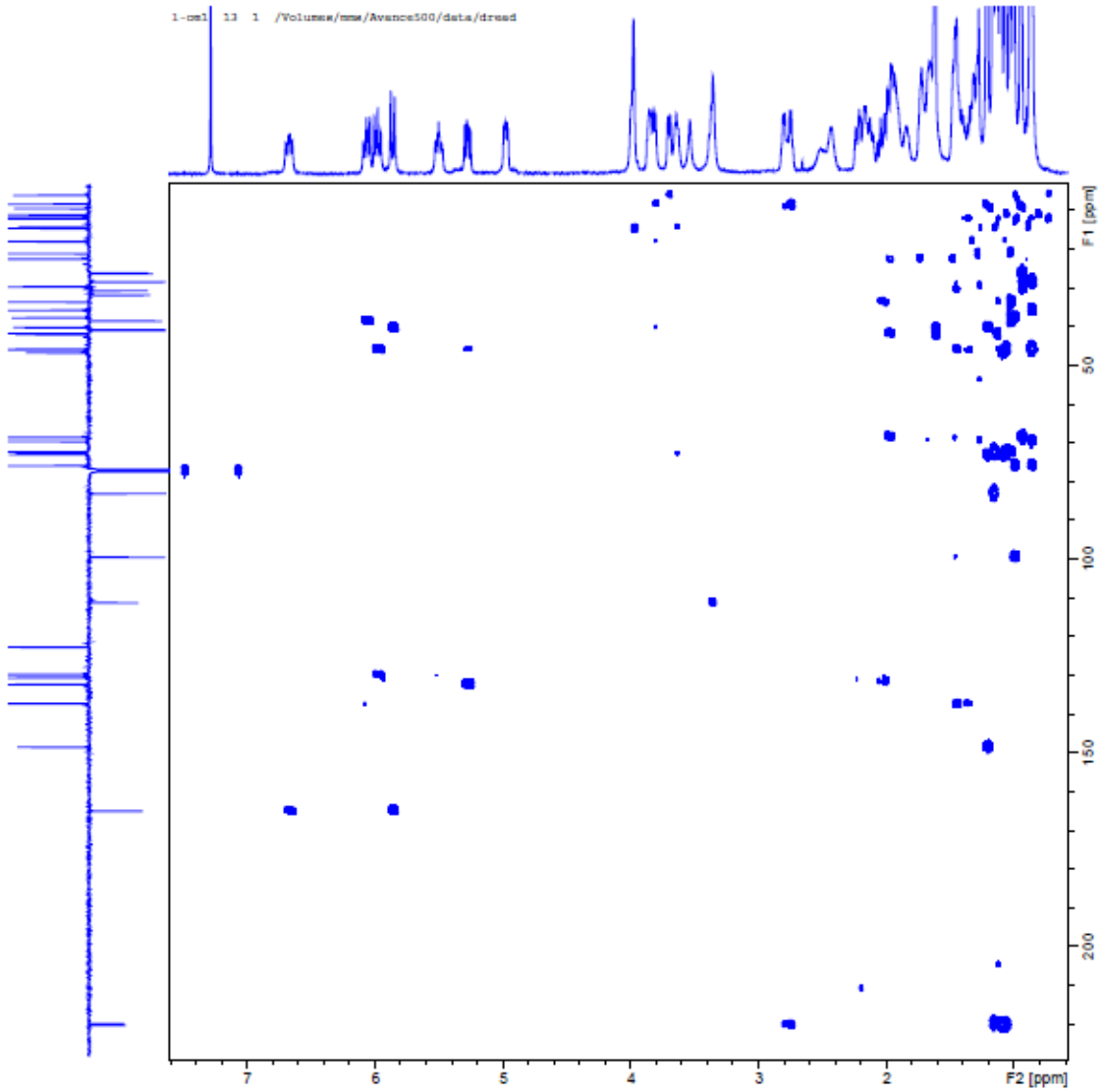

Figure S4. ^{1}H-^{13}C HMBC of 33-deoxy-33-thiocyanatooligomycin A (**3**).

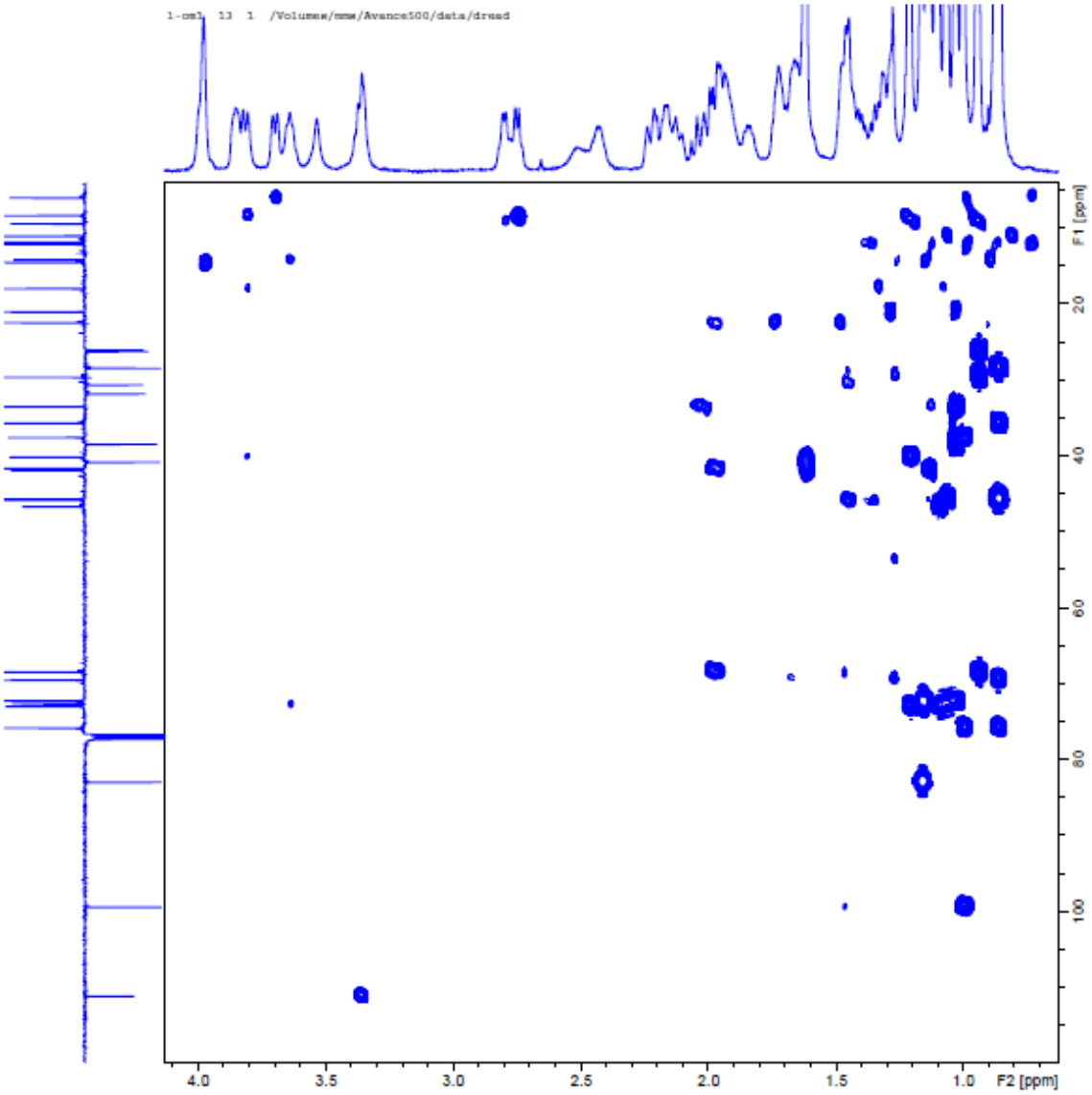

Figure S5. ^{1}H-^{13}C HMBC of 33-deoxy-33-thiocyanatooligomycin A (**3**).

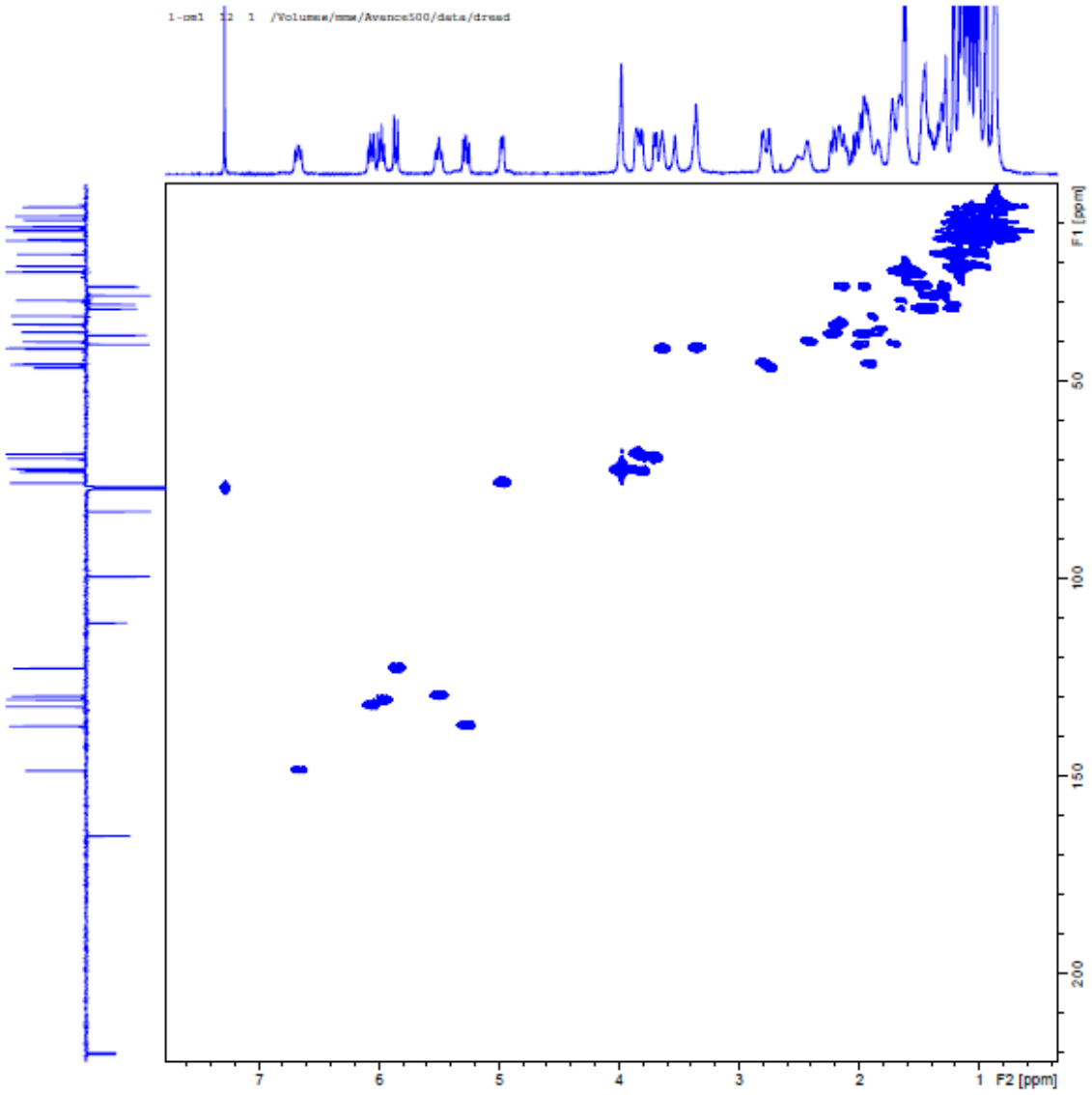

Figure S6. ^{1}H-^{13}C HMQC of 33-deoxy-33-thiocyanatooligomycin A (**3**).

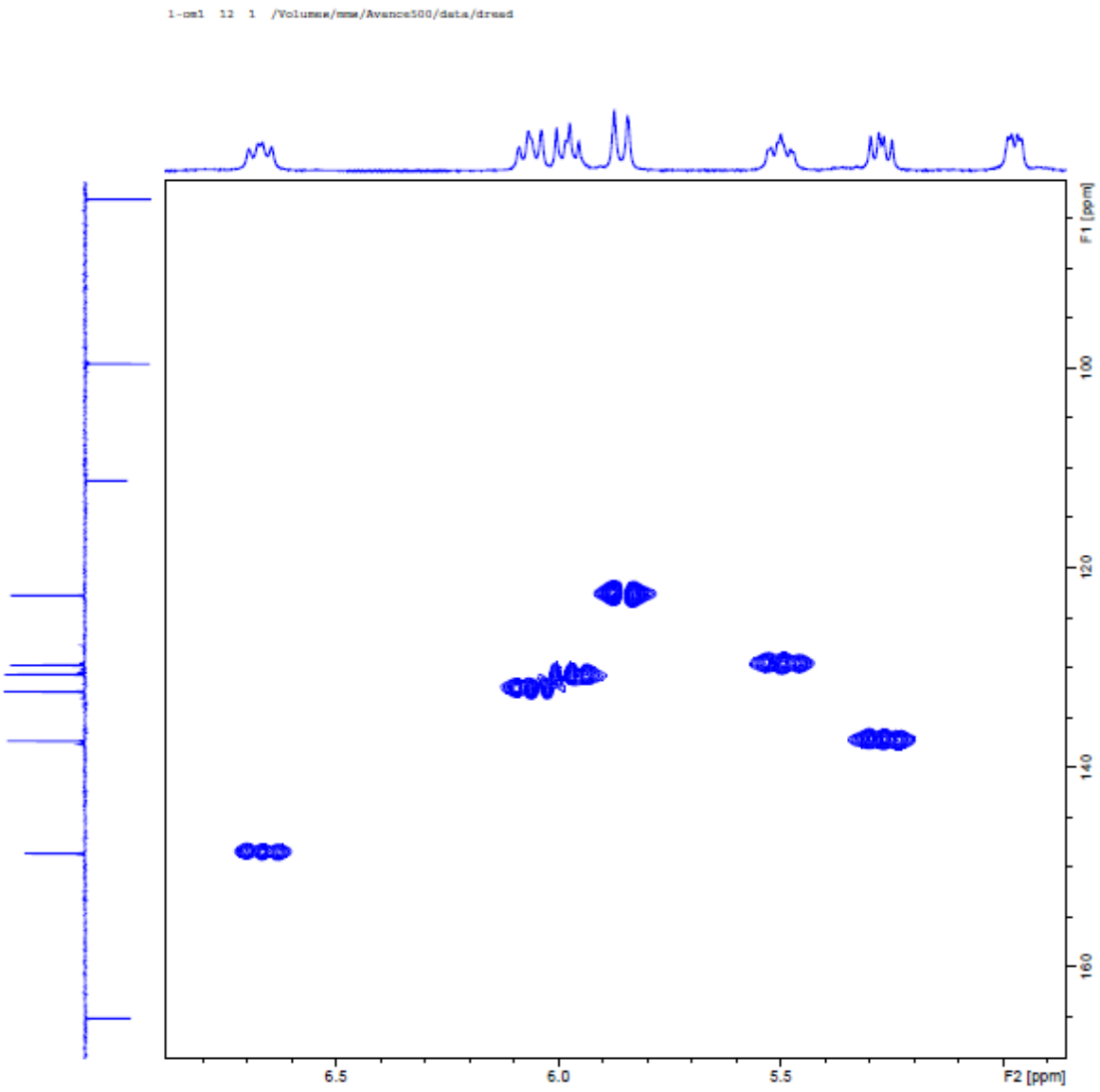

Figure S7. ^{1}H-^{13}C HMQC of 33-deoxy-33-thiocyanatooligomycin A (**3**).

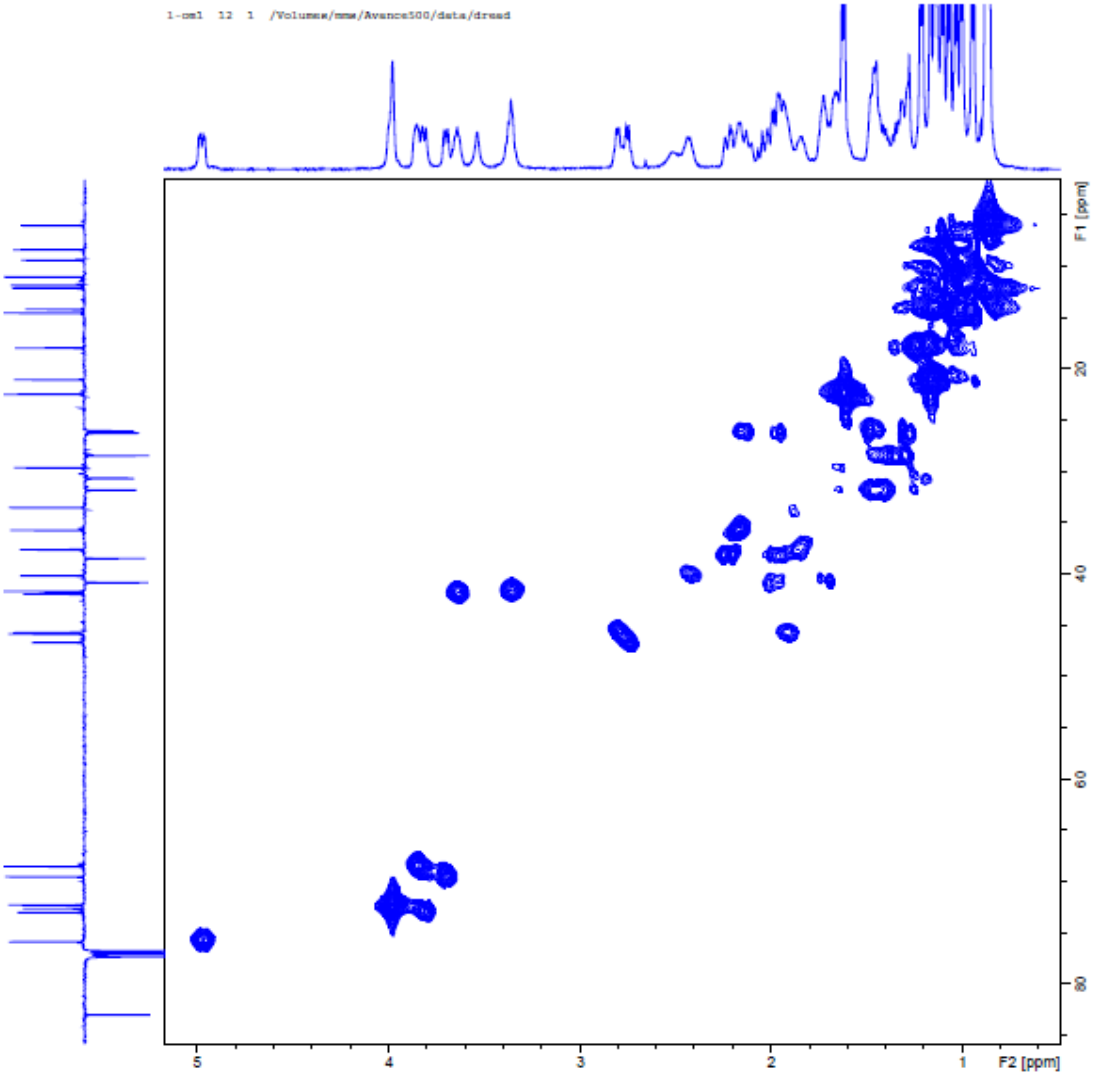

Figure S8. ^{1}H-^{13}C HMQC of 33-deoxy-33-thiocyanatooligomycin A (**3**).

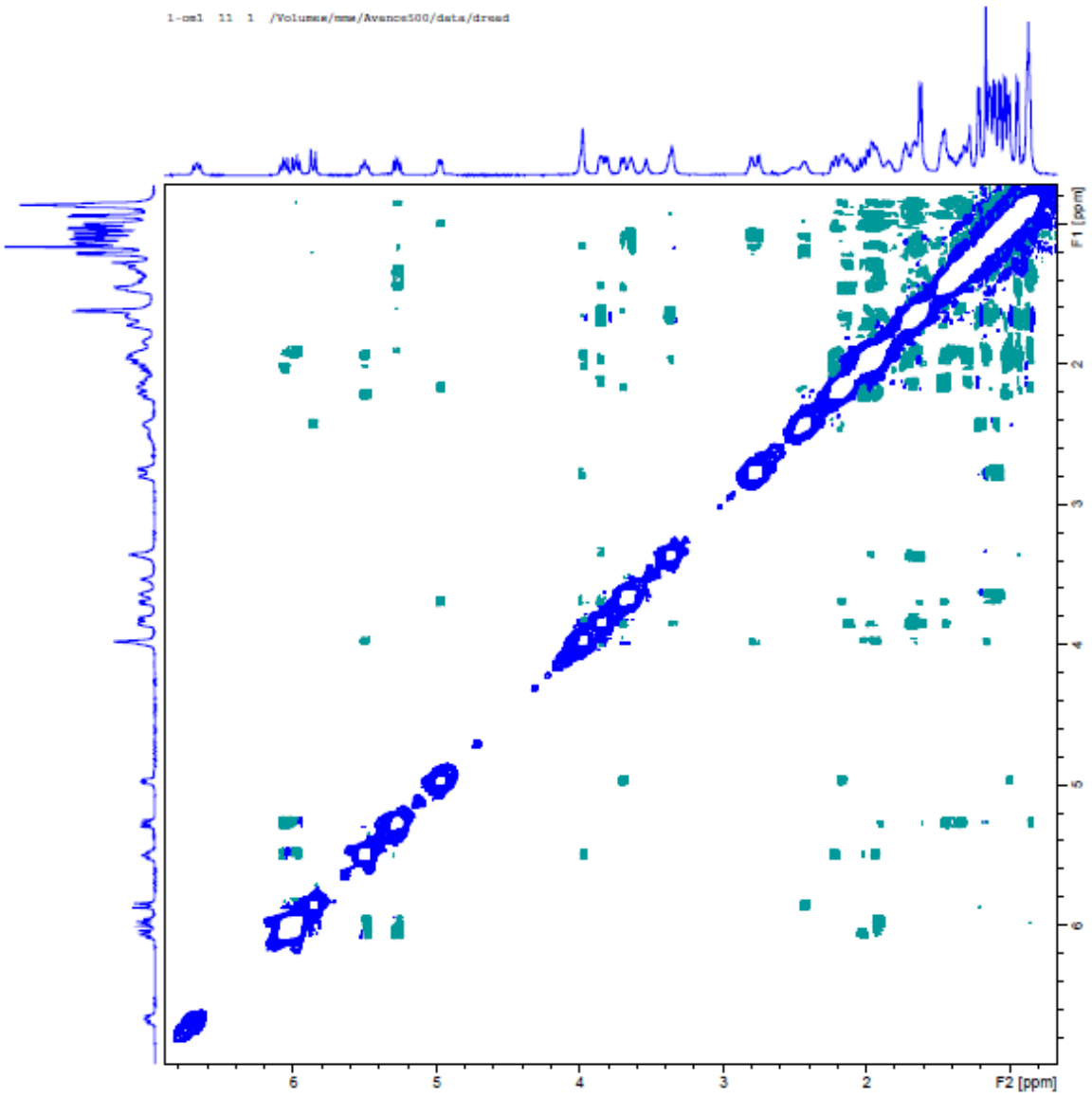

Figure S9. ^{1}H-^{1}H COSY of 33-deoxy-33-thiocyanatooligomycin A (**3**).

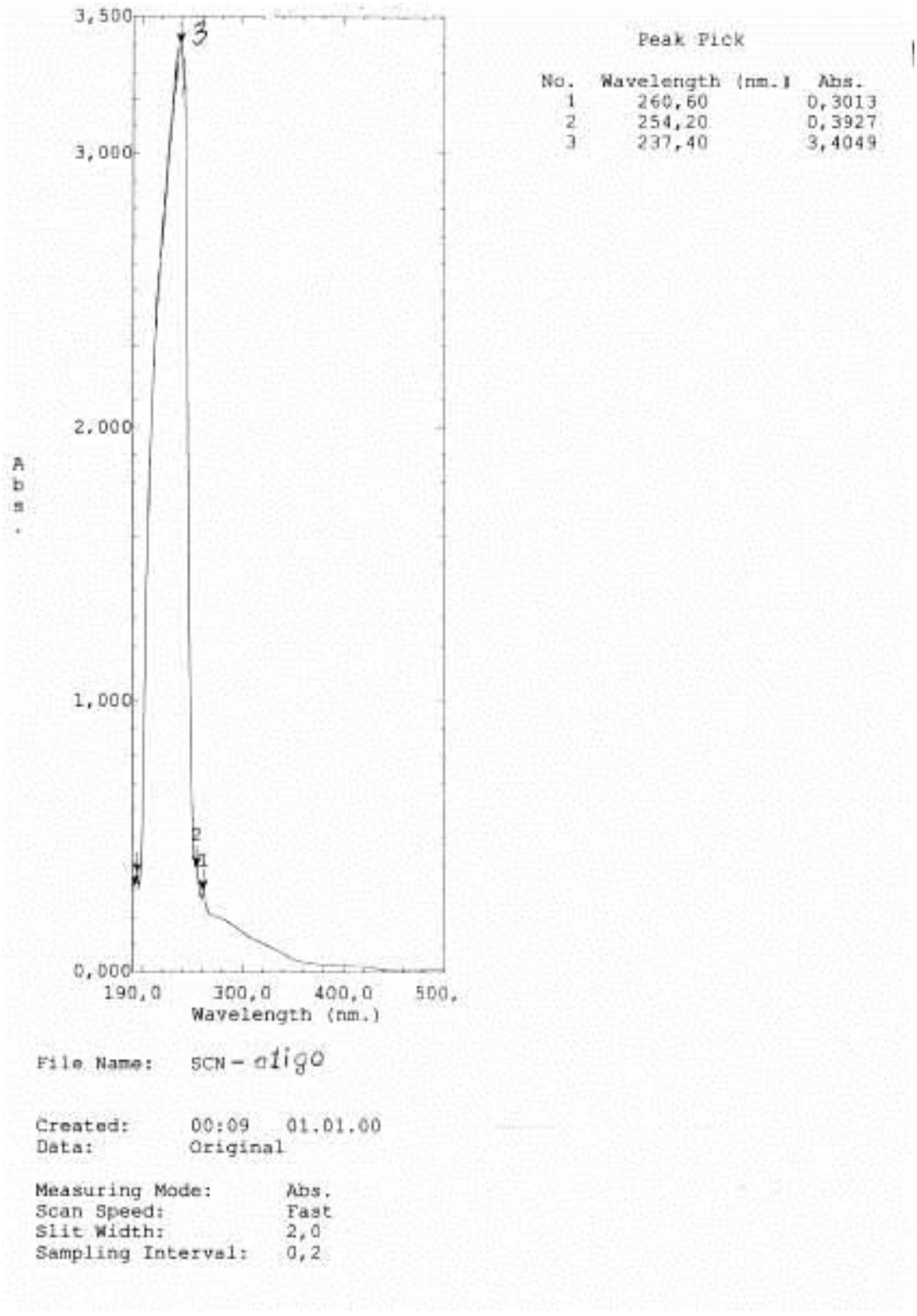

Figure S10. UV-spectrum of 33-deoxy-33-thiocyanatooligomycin A (**3**).

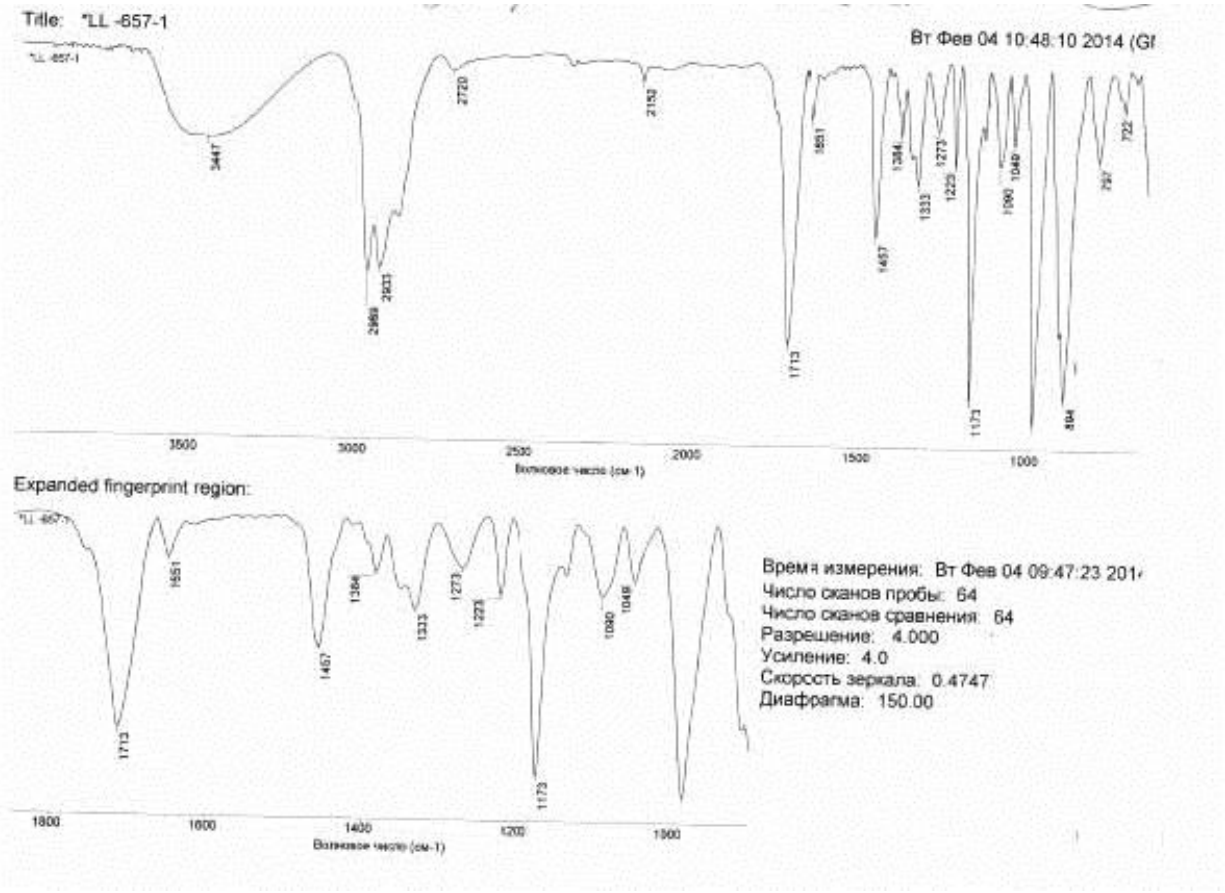

Figure S11. IR-spectrum of 33-deoxy-33-thiocyanatooligomycin A (**3**).