

Supplementary Material

Design, Modeling and Synthesis of 1,2,3-Triazole-linked Nucleoside-Amino Acid Conjugates as Potential Antibacterial Agents

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Table S1. Reagents and results for the formation of the acyclic tosylate, **6**

Trial	Reagents	Reaction Conditions	Workup and purification	Result
1	5 , TsCl, pyr	0° C to rt, 16 h	Added MeOH, Conc. Column 1: CH ₂ Cl ₂ :MeOH Column 2: Hex:EtOAc	12%
2	5 , TsCl, pyr	0° C to rt, 17.25 h	Diluted with CH ₂ Cl ₂ Wash: HCl, brine Column: CH ₂ Cl ₂ :MeOH	9%
3	5 , Ts ₂ O, pyr	0° C to 35° C, 4.5 h	Diluted with CH ₂ Cl ₂ Wash: HCl, brine, NaHCO ₃ Column: CH ₂ Cl ₂ :MeOH	23%
4	5 , Ts ₂ O, pyr	0° C to rt, 16.5 h	Diluted with CH ₂ Cl ₂ Wash: HCl, brine, NaHCO ₃	0%
5	5 , TsCl, pyr	0° C to rt, 14.75 h	Conc. Column 1: CH ₂ Cl ₂ :MeOH Column 2: CH ₂ Cl ₂ :MeOH	56%, impure

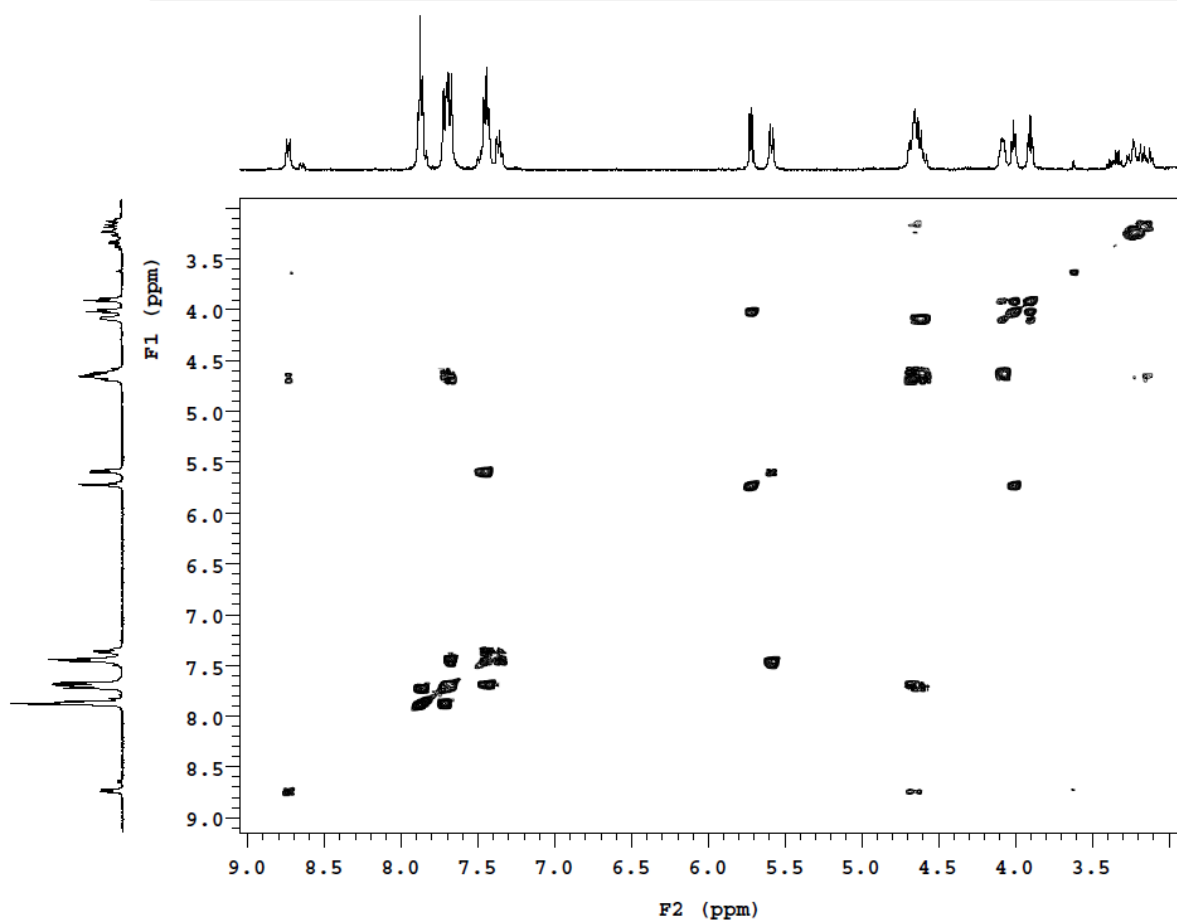
CE052517_LOTS

Sample Name CE052517_LOTS
Date collected 2017-05-25

Pulse sequence gCOSY
Solvent dmsd

Temperature 25
Spectrometer 400NMR-vnmrs400

Study owner larryn
Operator larryn



LPSAMPLE2_NOESY

Sample Name	LPSAMPLE2_NOESY	Pulse sequence	NOESY	Temperature	25	Study owner	mosleyk
Date collected	2017-05-26	Solvent	dmsd	Spectrometer	400NMR-vnmrs400	Operator	mosleyk

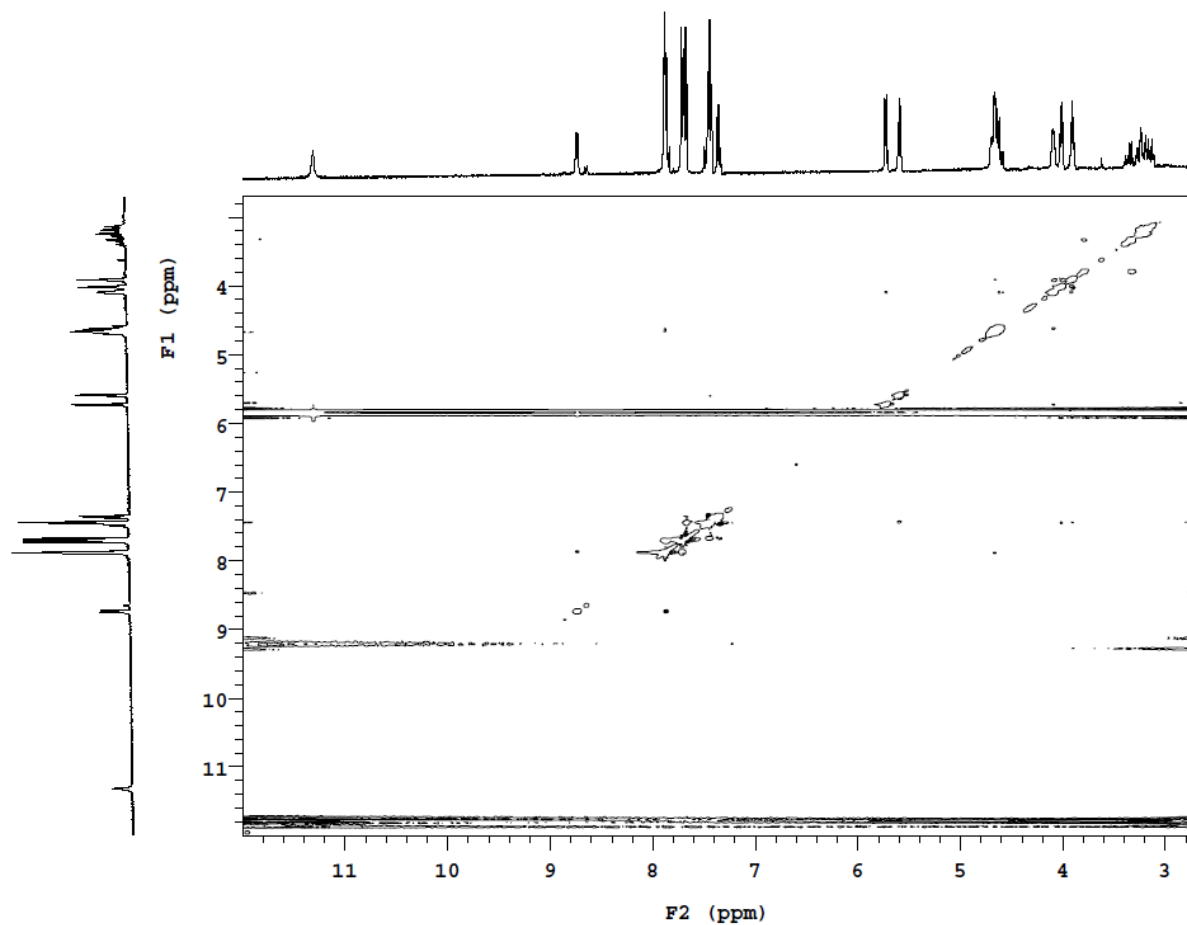


Figure S2. NOESY spectrum of 4.