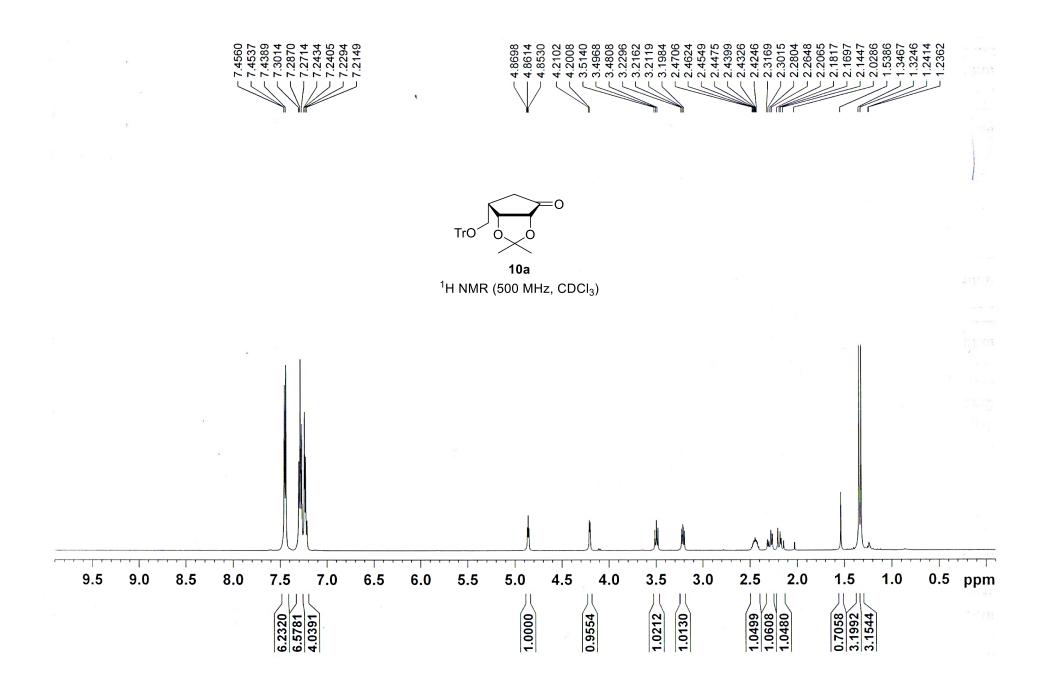
Supporting Information

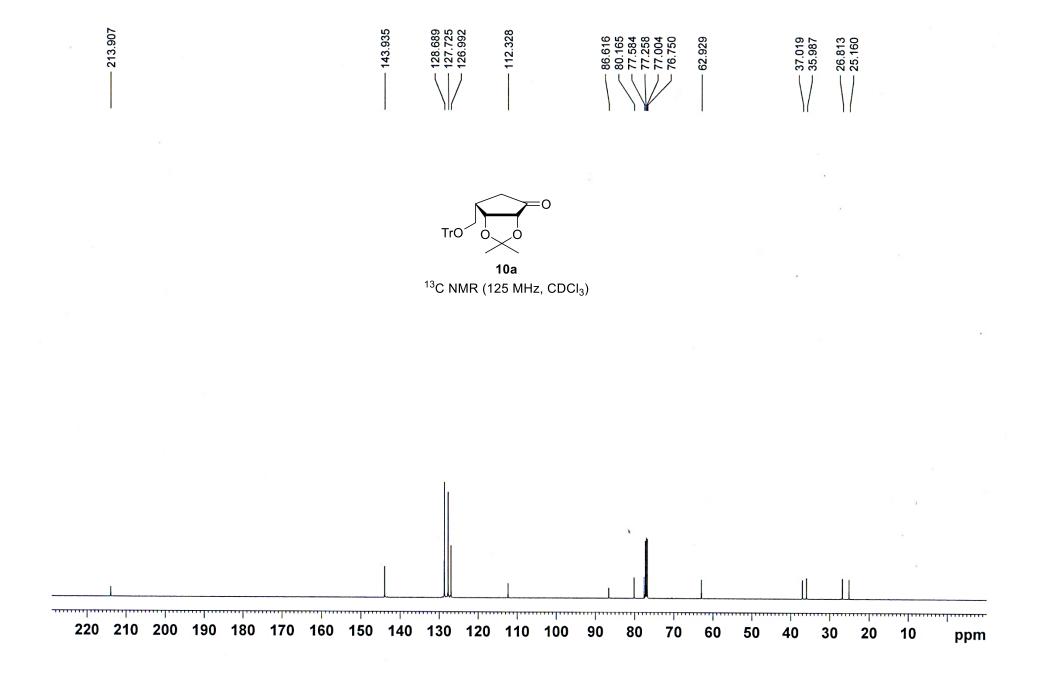
An Efficient Synthesis of Fluoro-neplanocin A Analogs Using Electrophilic Fluorination and Palladium-catalyzed Dehydrosilylation

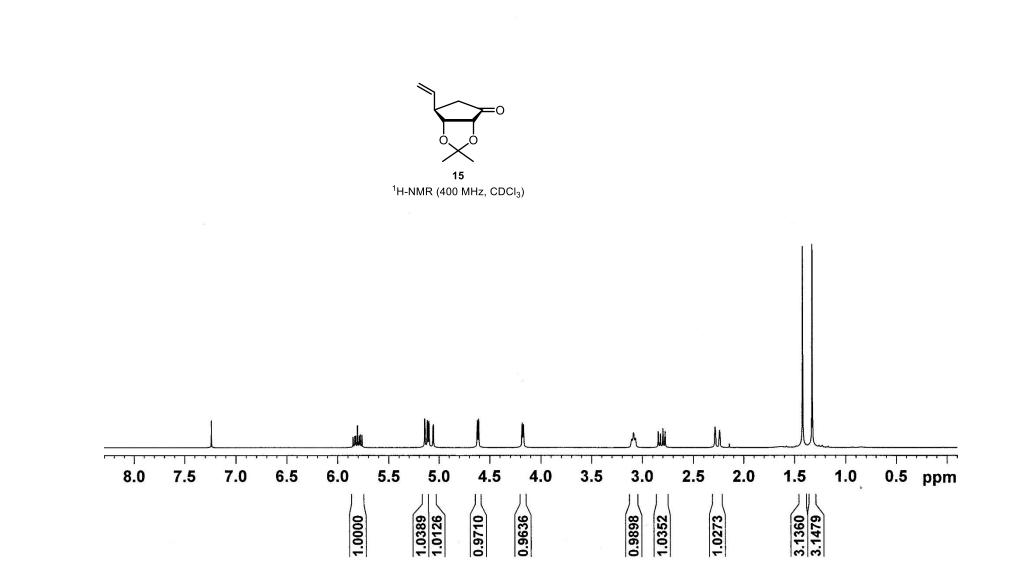
Dnyandev B. Jarhad,^a Min Hwan Jang,^a Young Sup Shin,^a Gyudong Kim,^{a,b} Hong-Rae Kim,^a Young Eum Hyun,^a Ji-seong Yoon,^a and Lak Shin Jeong^{*,a}

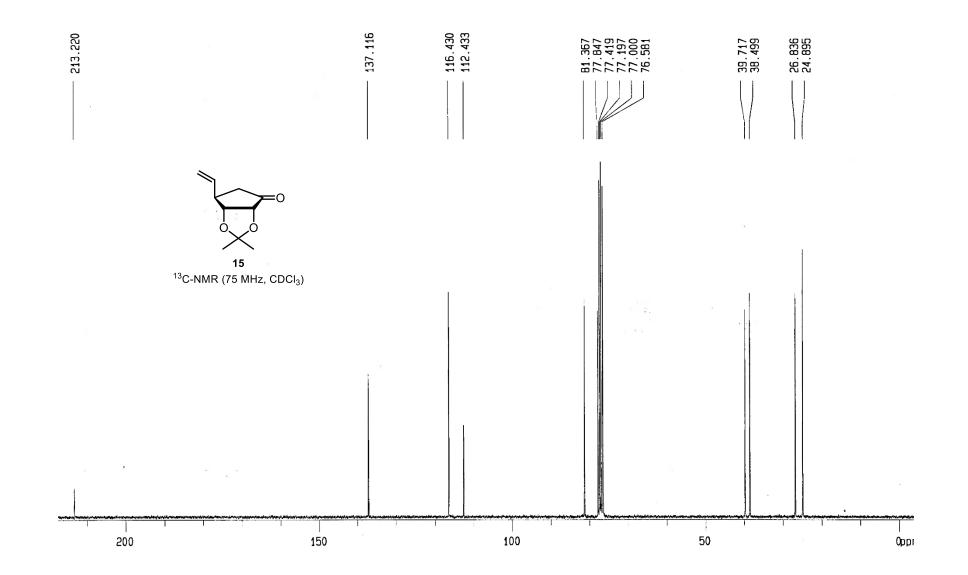
^aResearch Institute of Pharmaceutical Sciences, College of Pharmacy, Seoul National University, Seoul 08826, Korea, Tel: +82-2-880-7850; ^bCollege of Pharmacy and Research Institute of Drug Development, Chonnam National University, Gwangju 500-757, Korea.

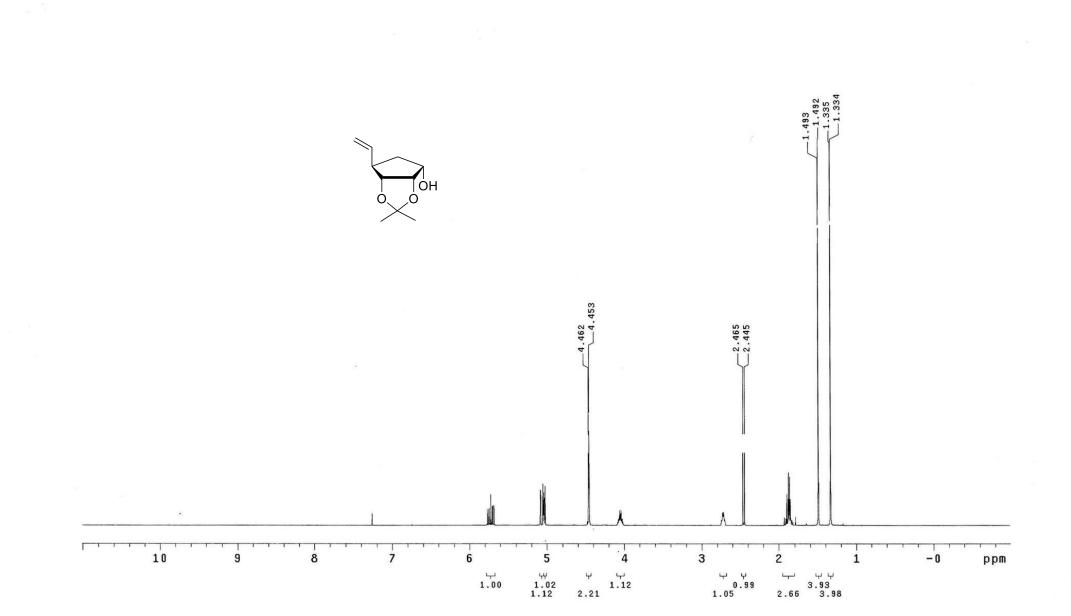
E-mail: lakjeong@snu.ac.kr

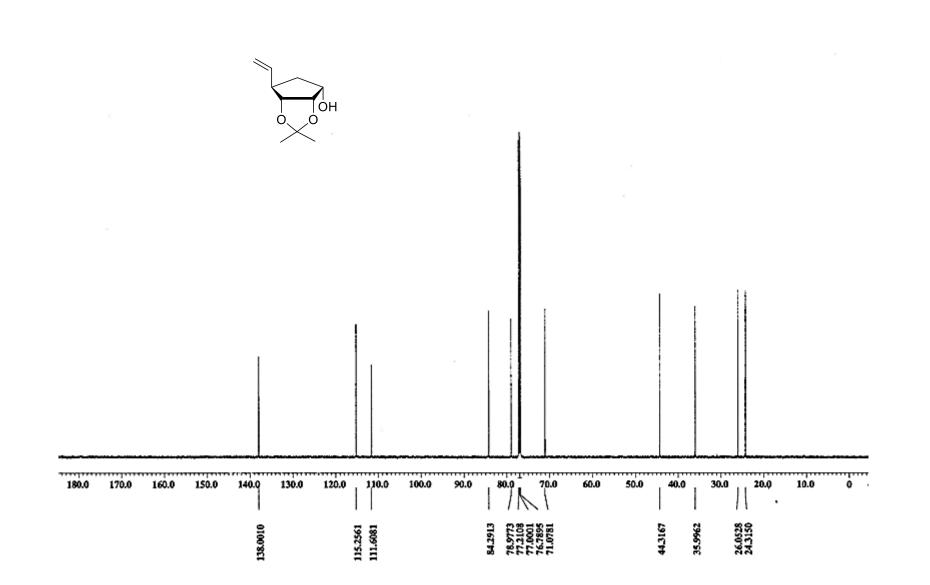


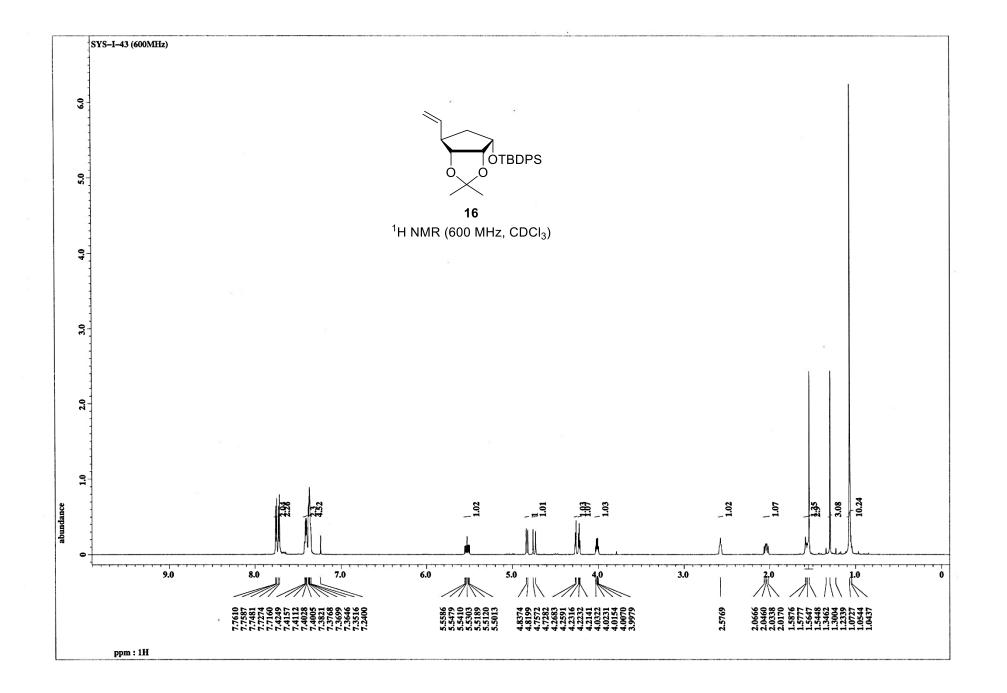


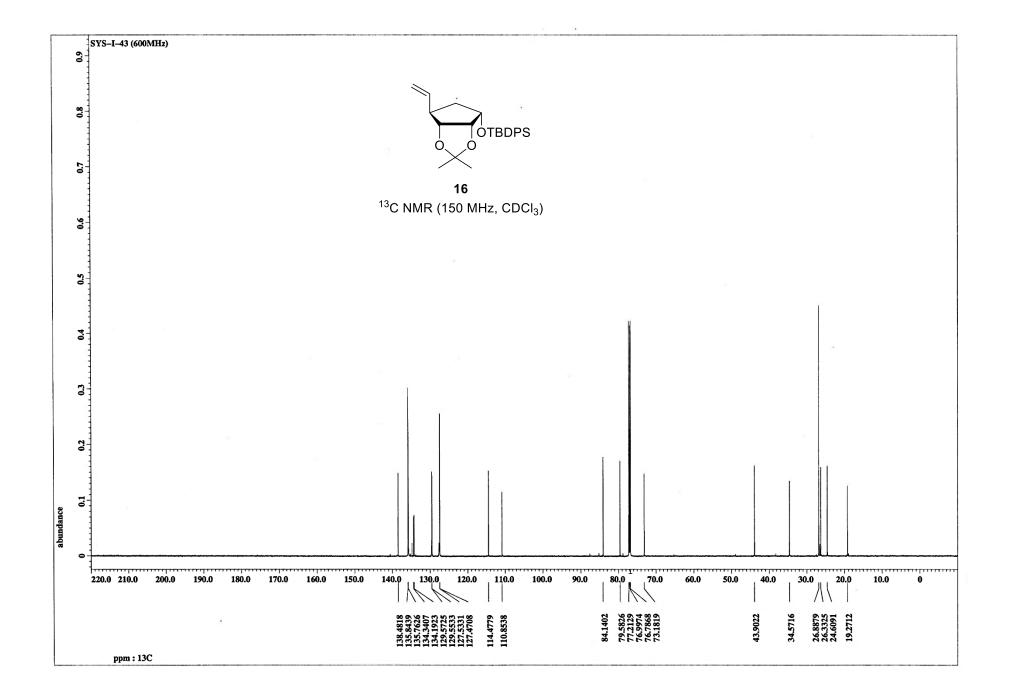


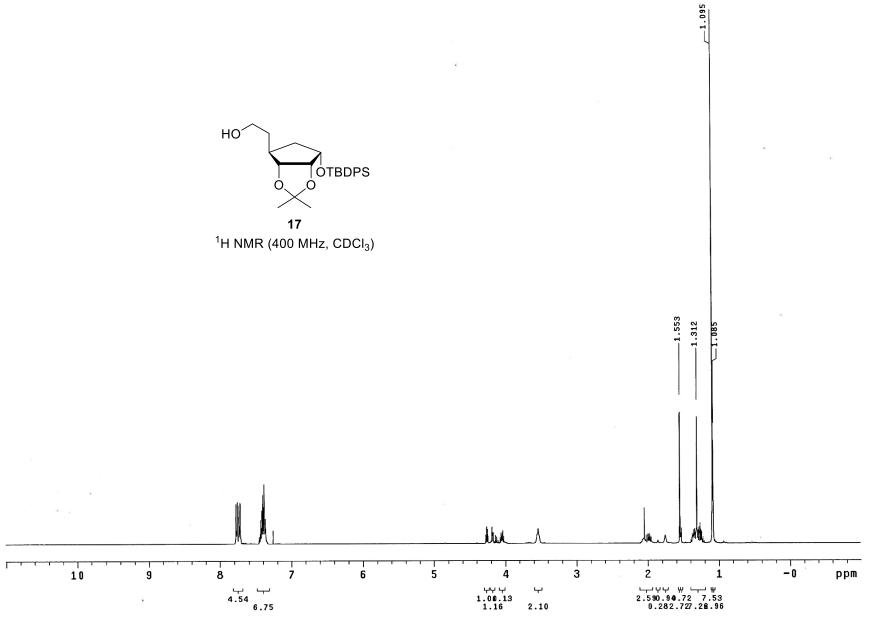


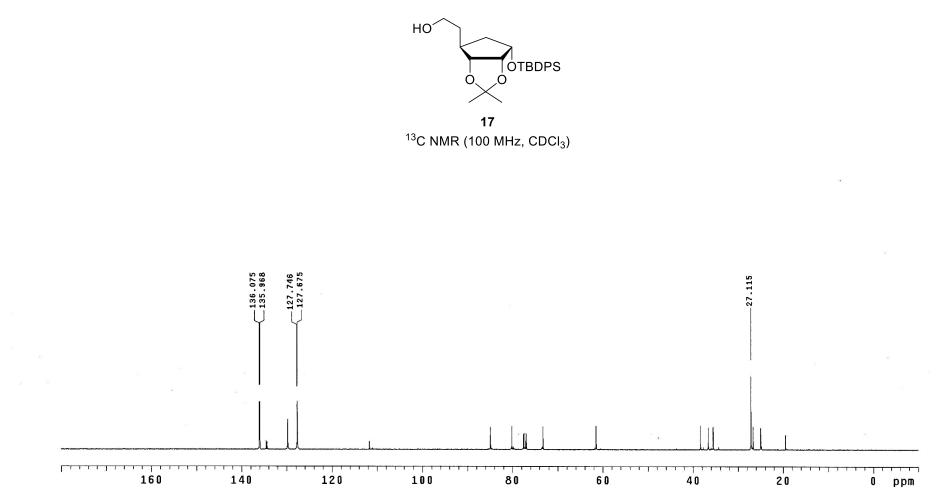


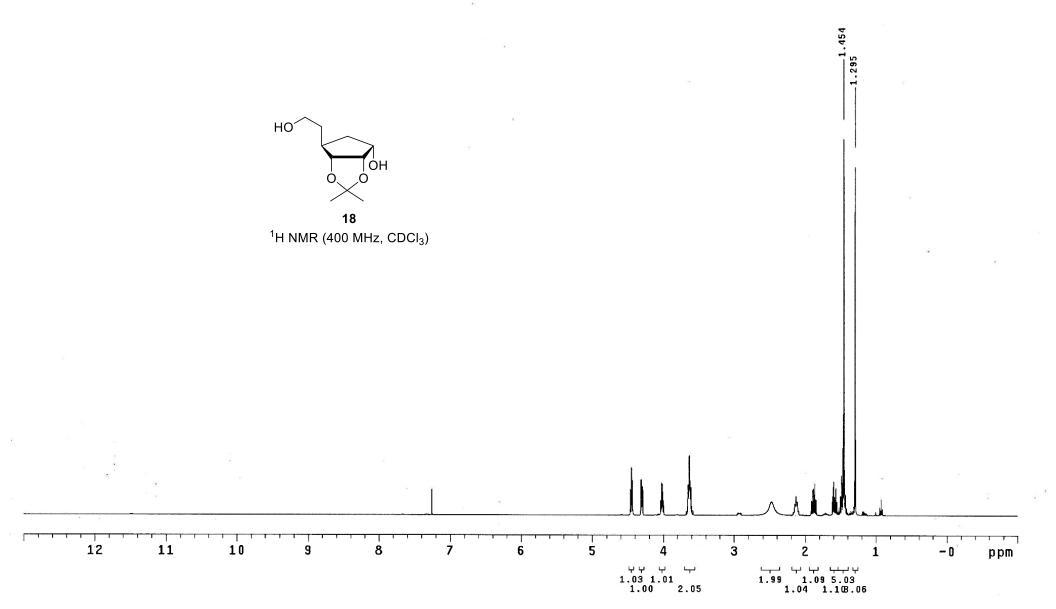


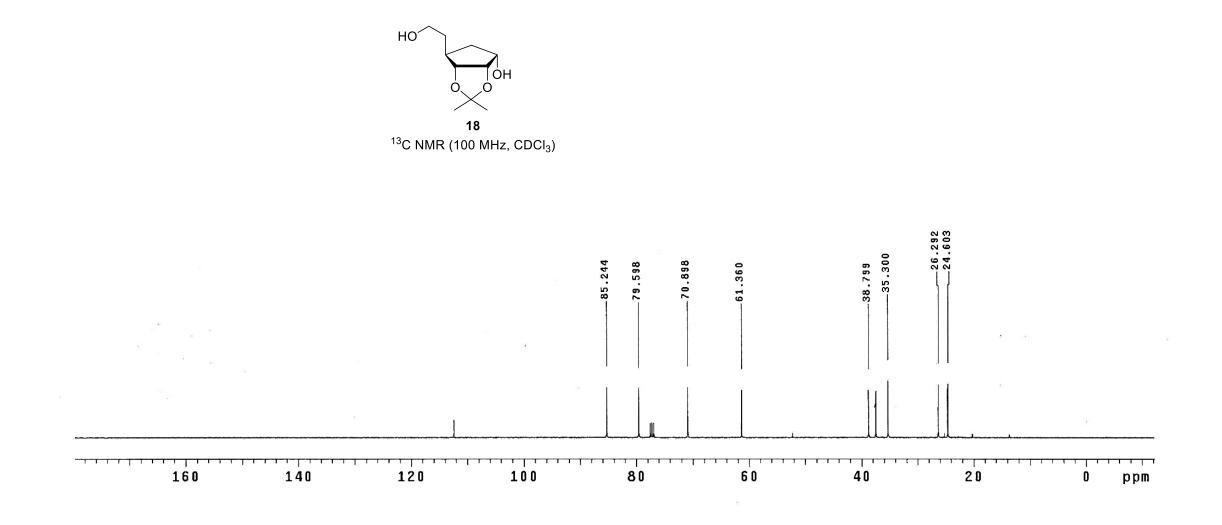




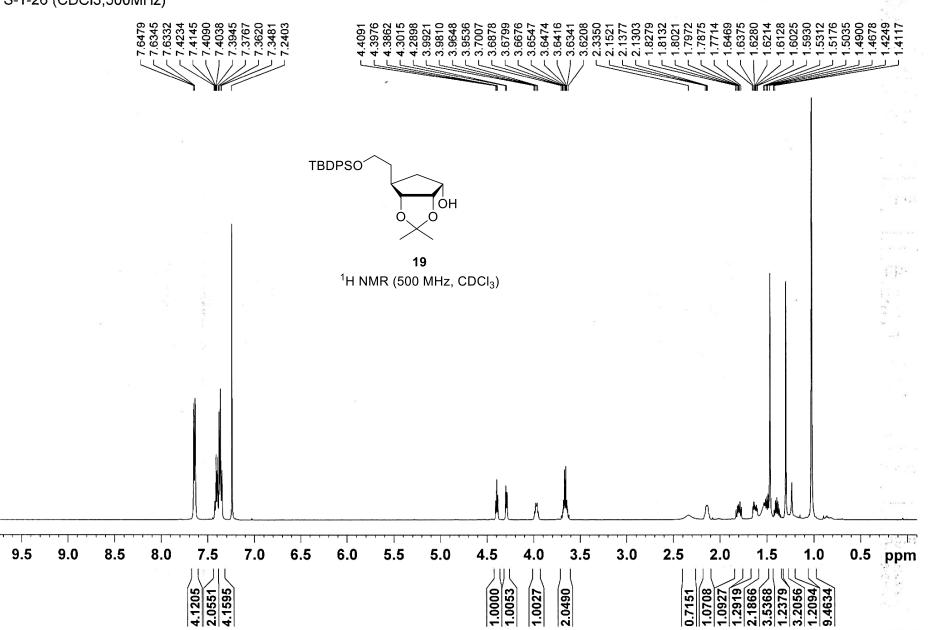


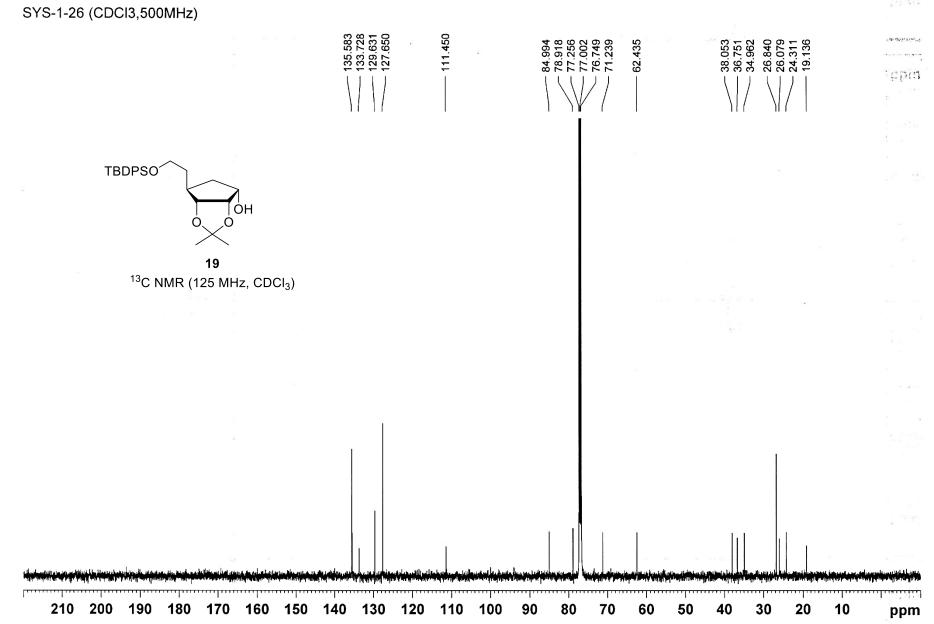


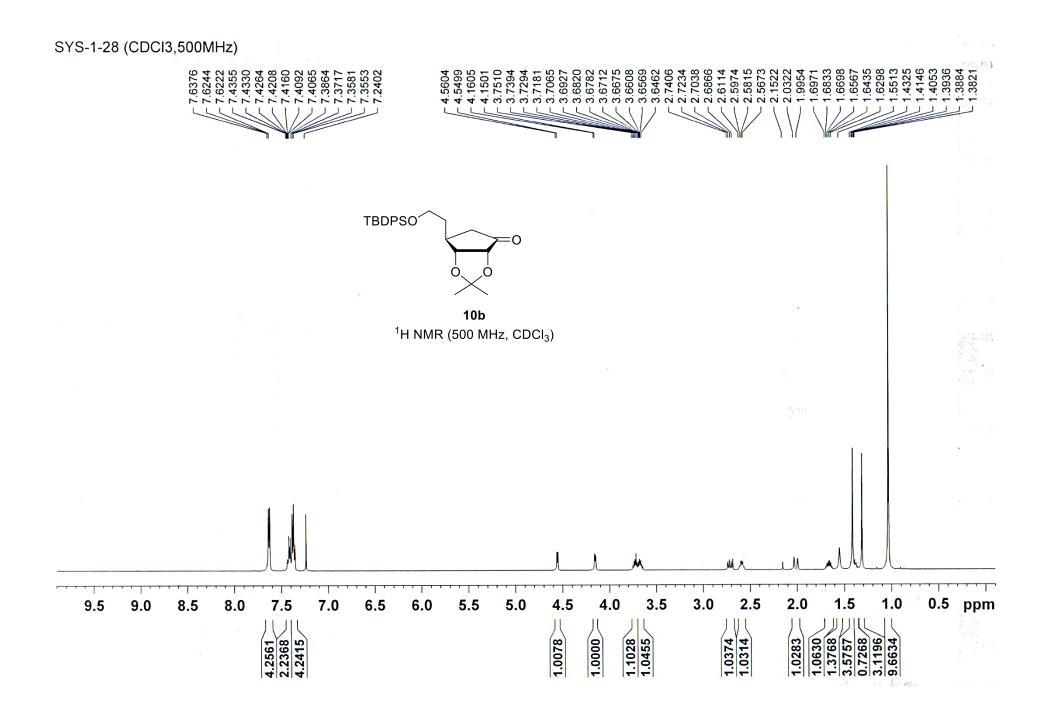


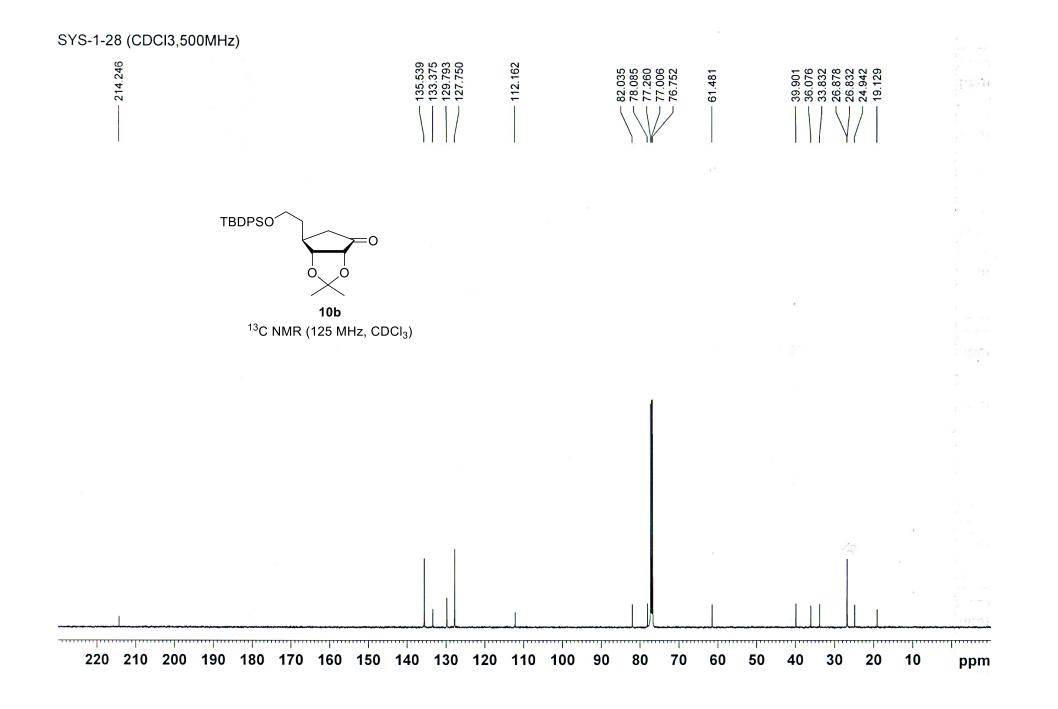


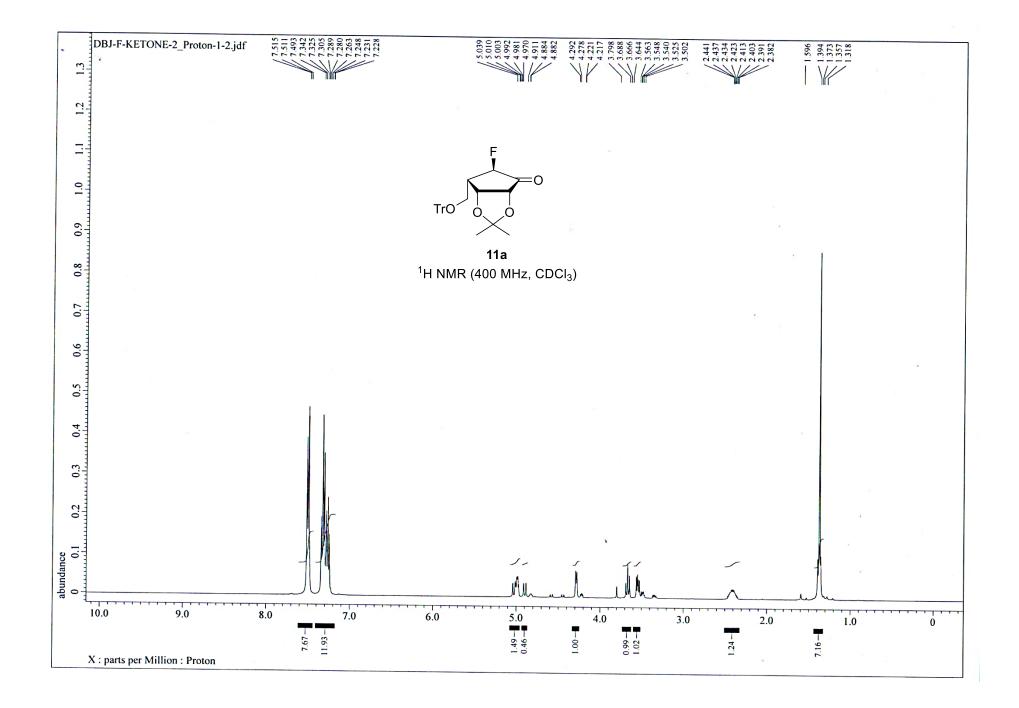


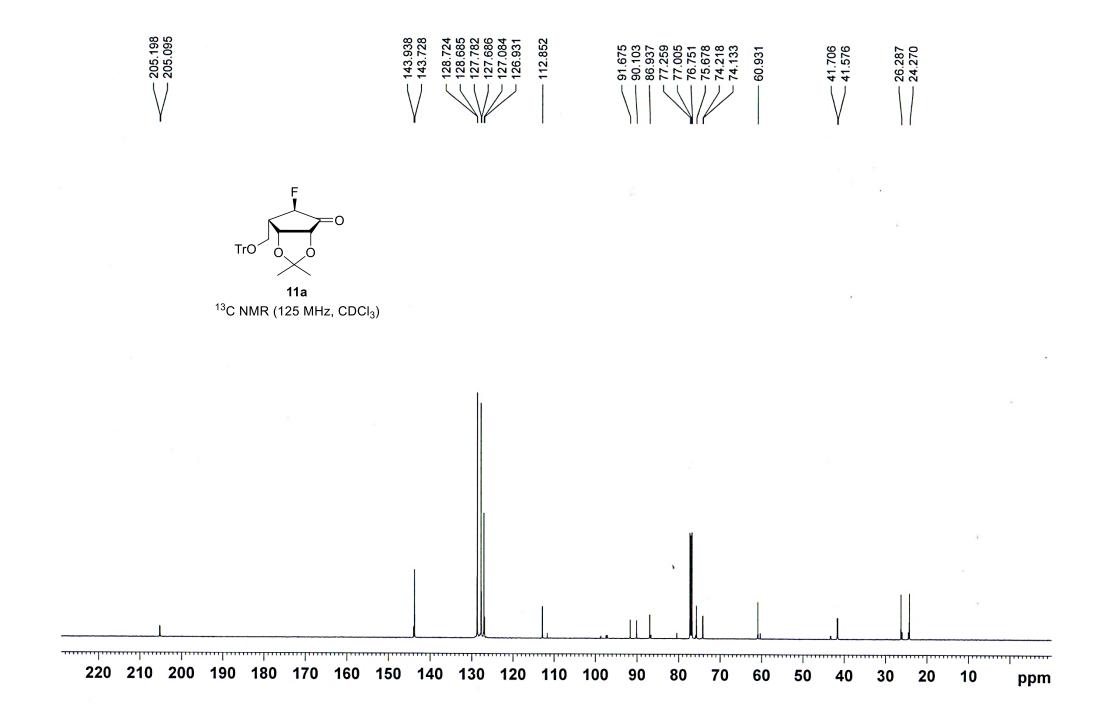


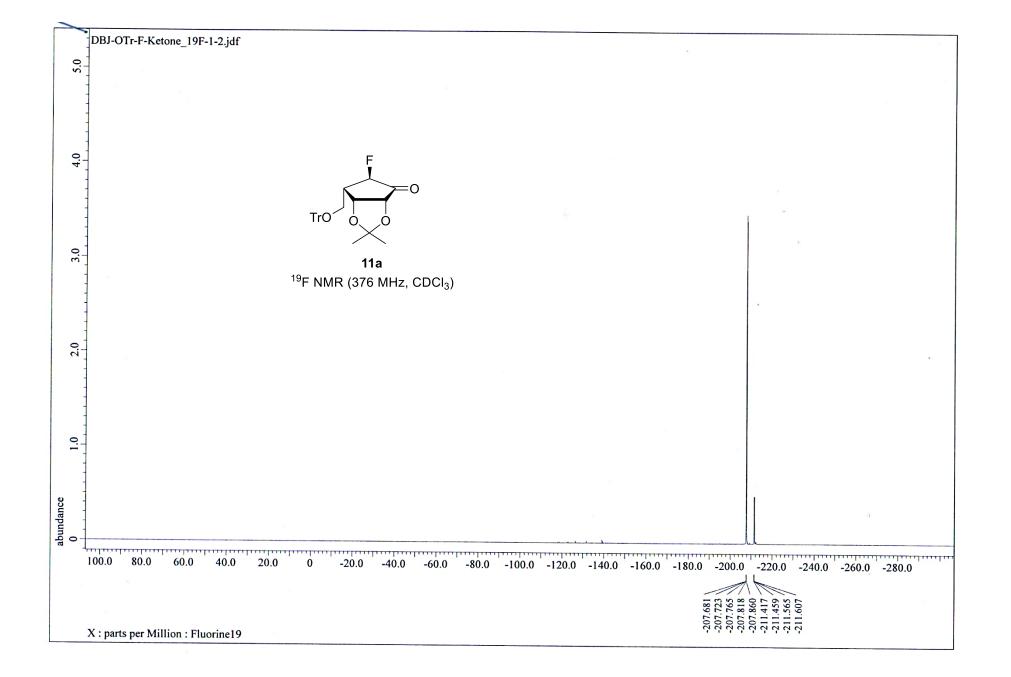


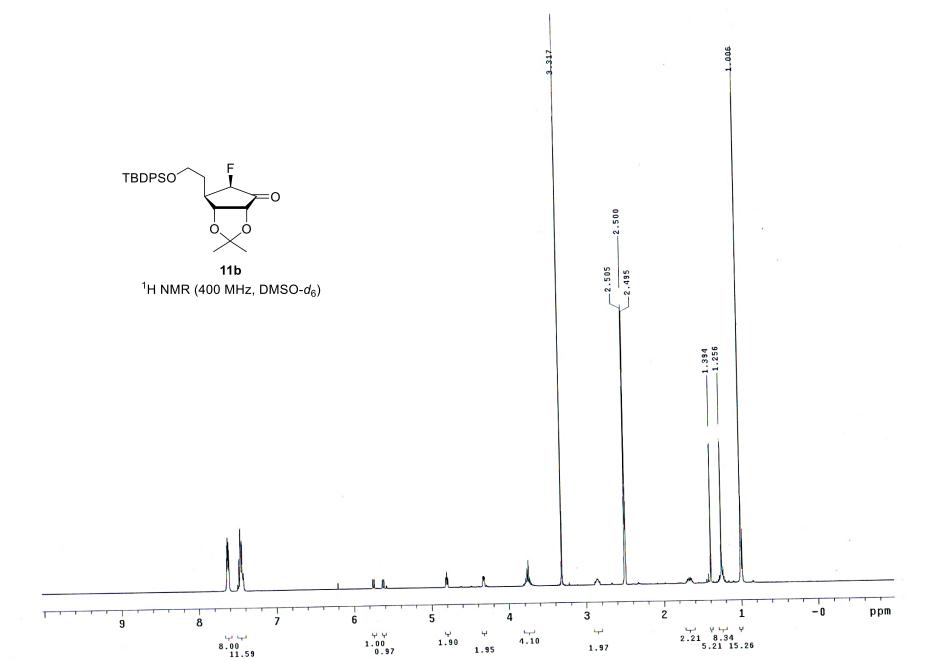


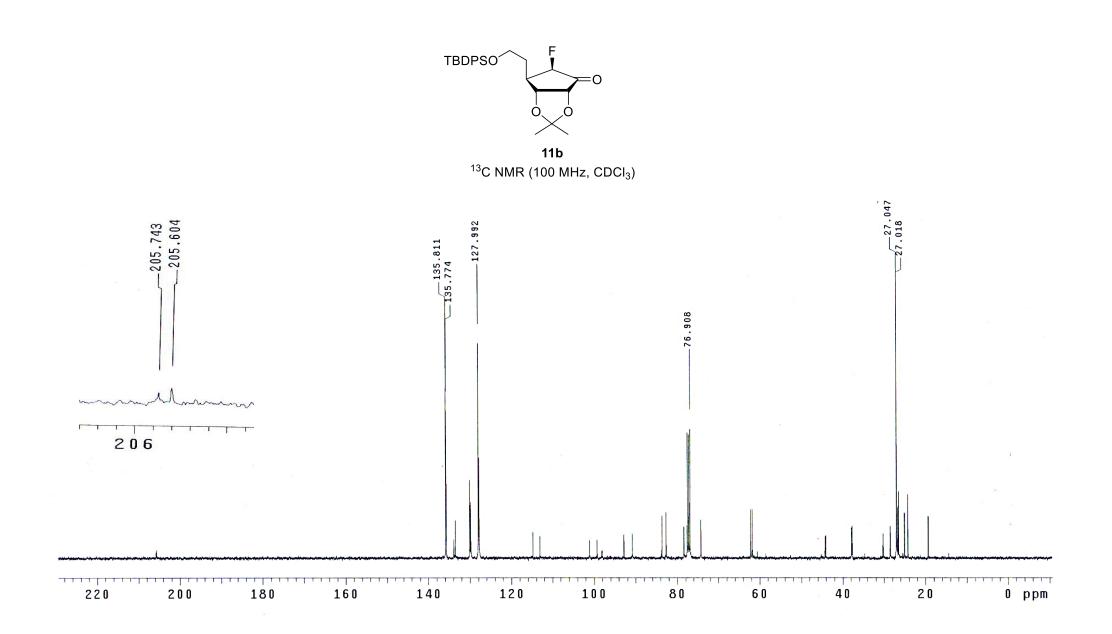


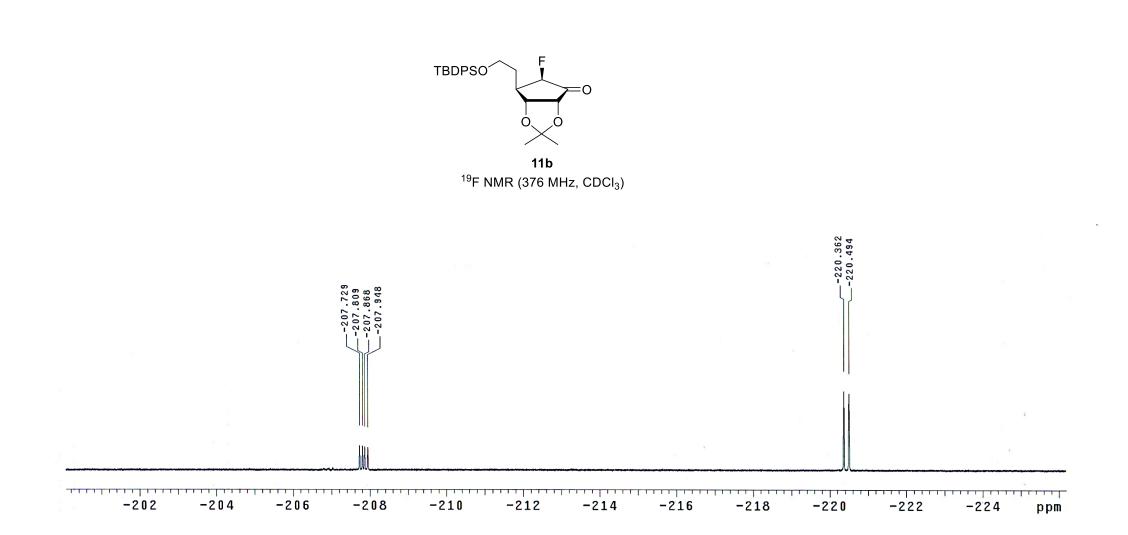


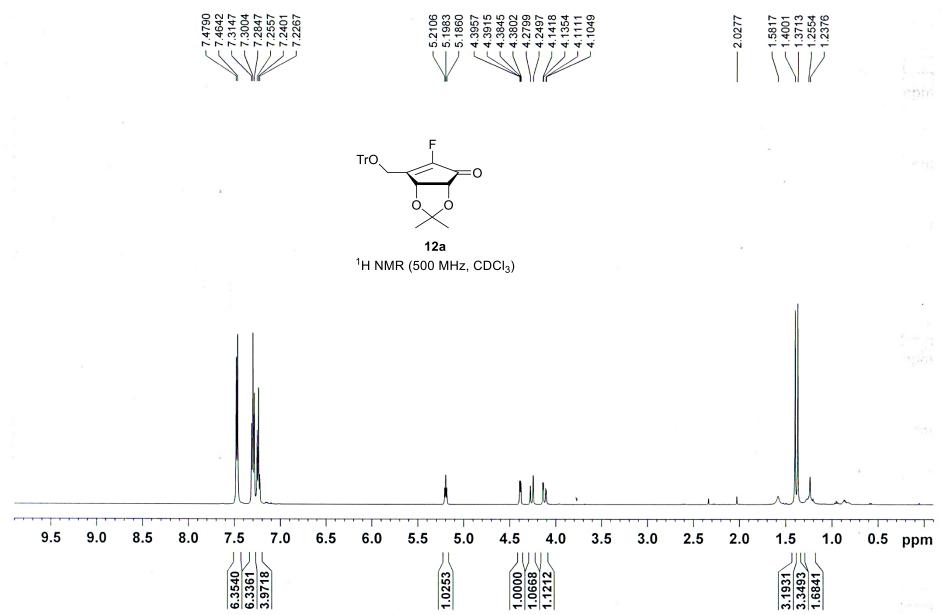


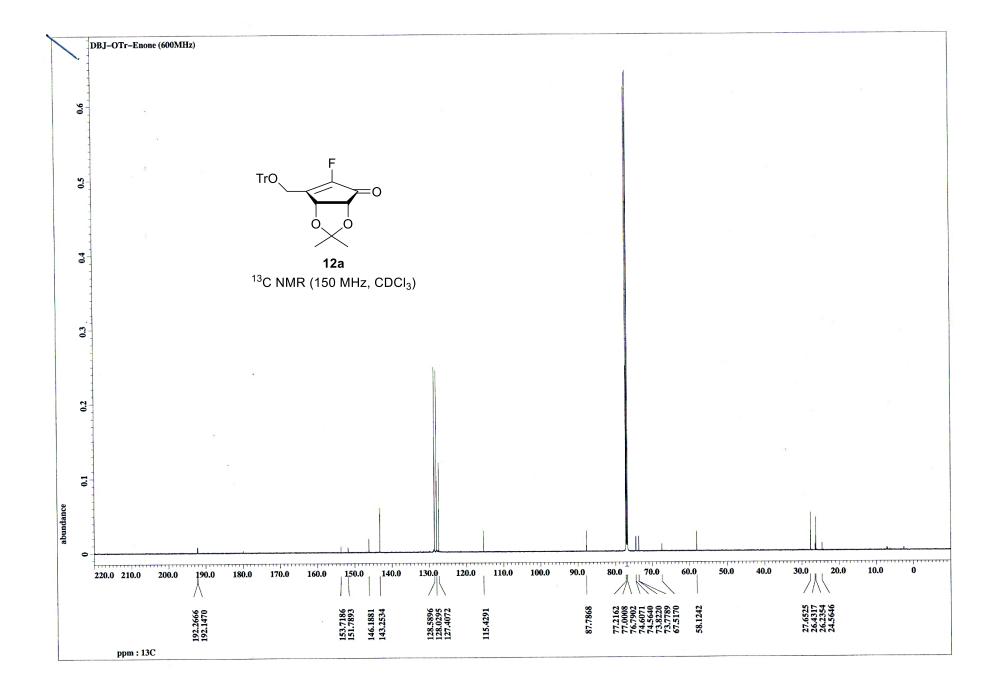


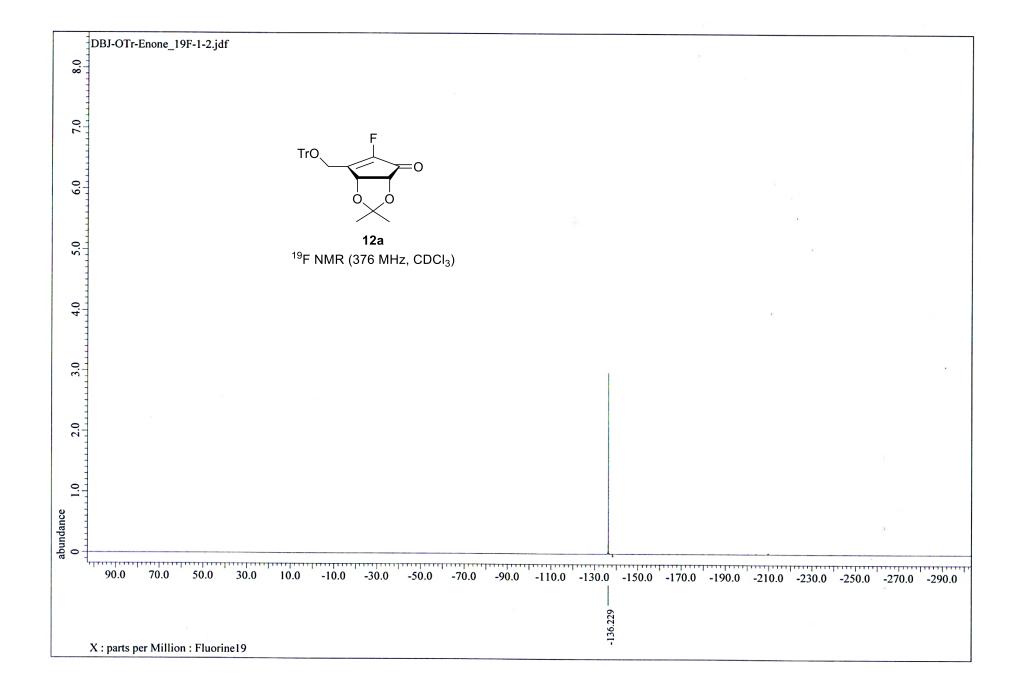


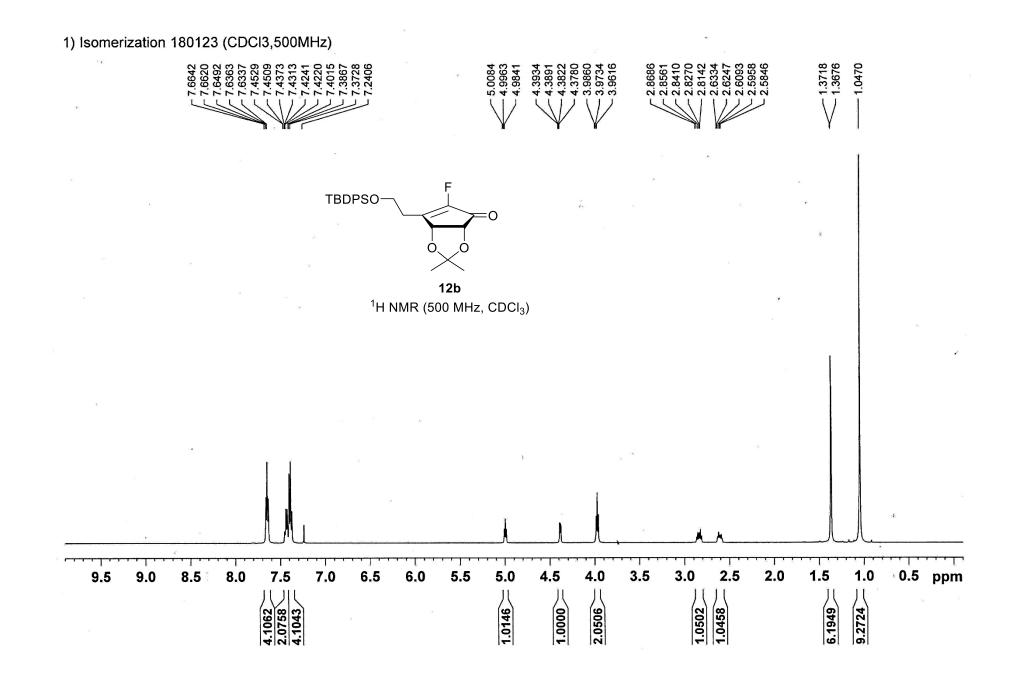


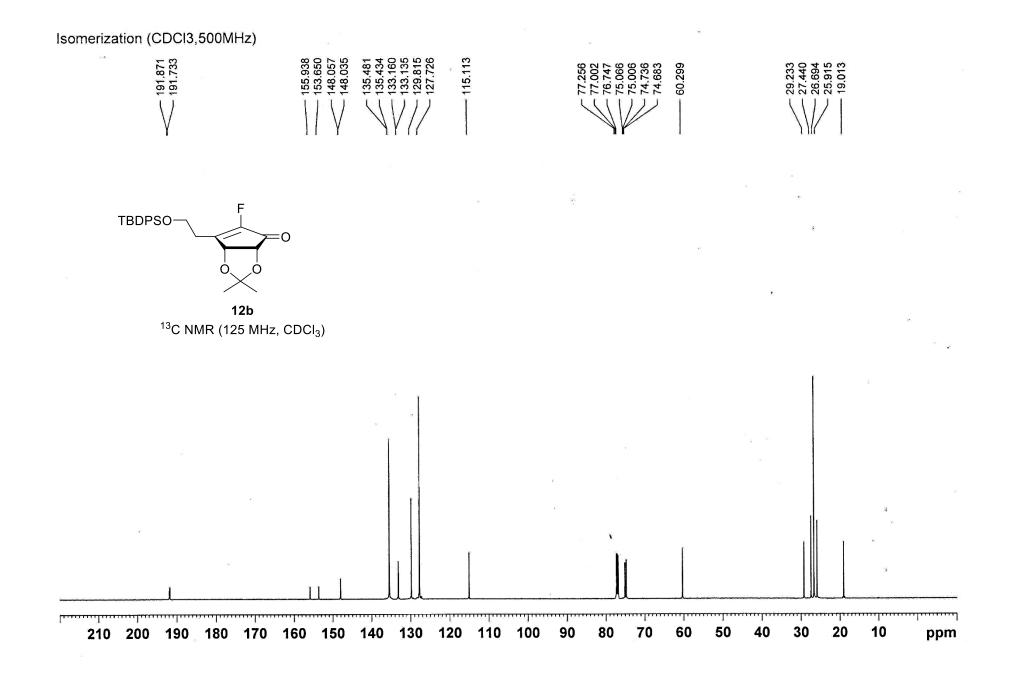


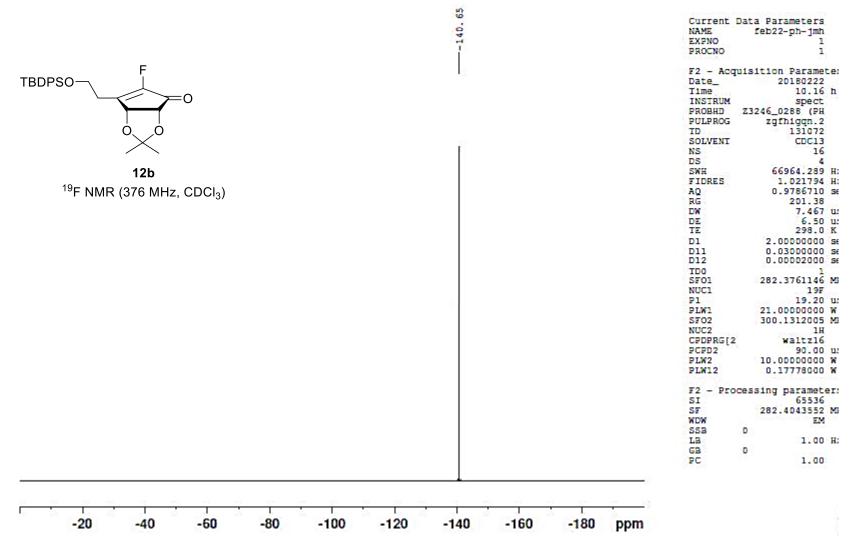


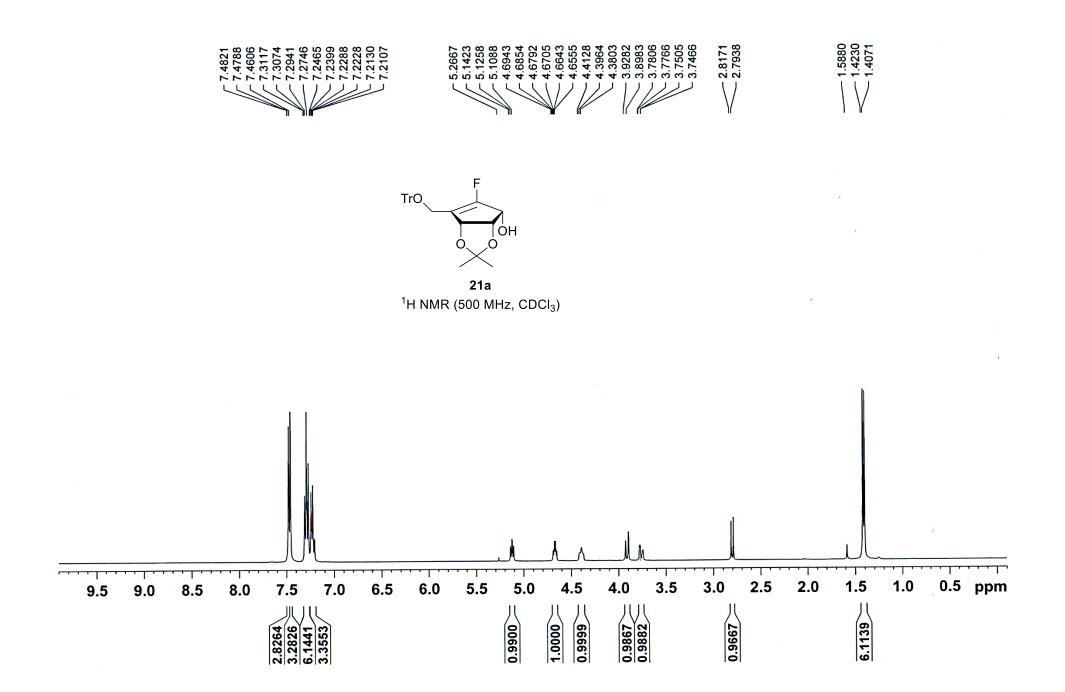


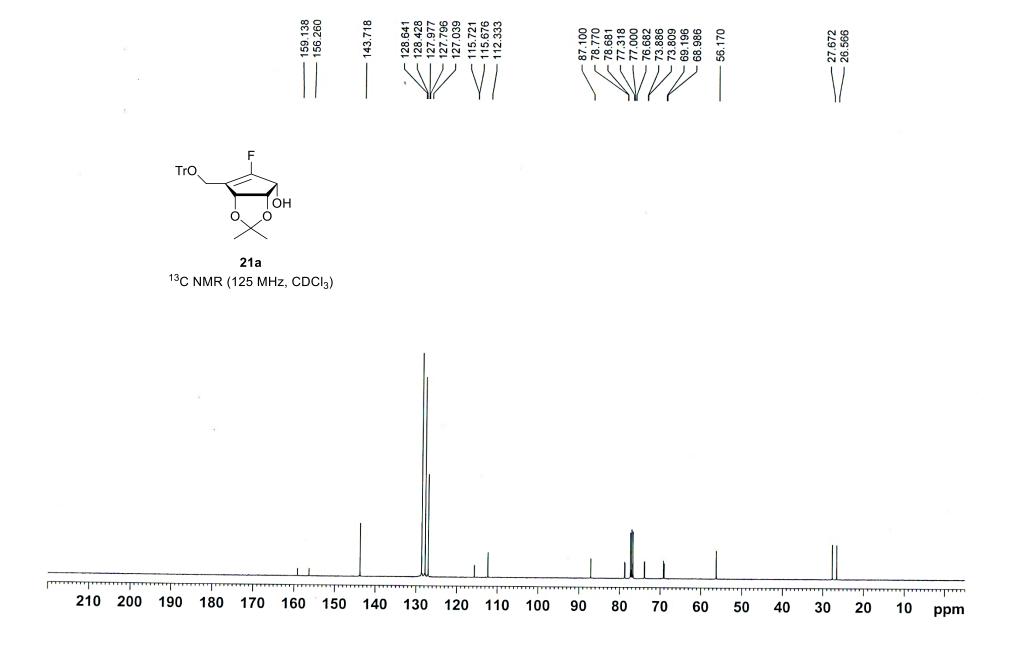




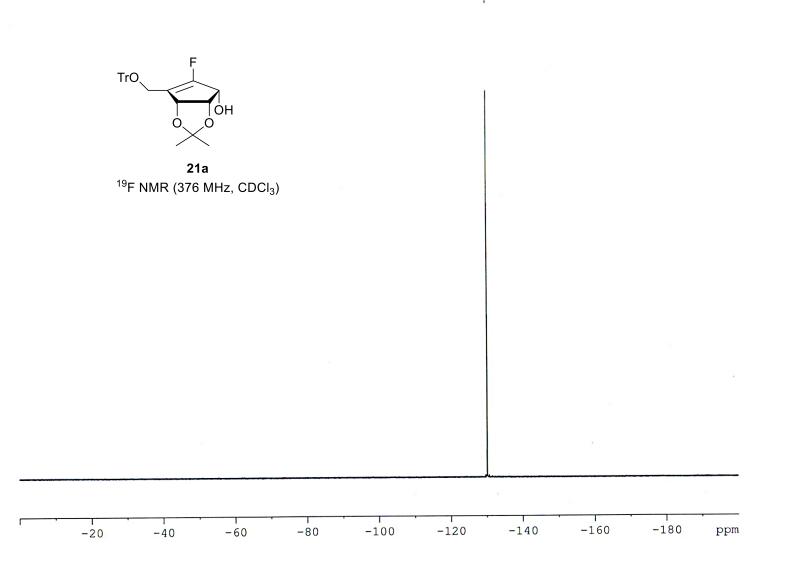


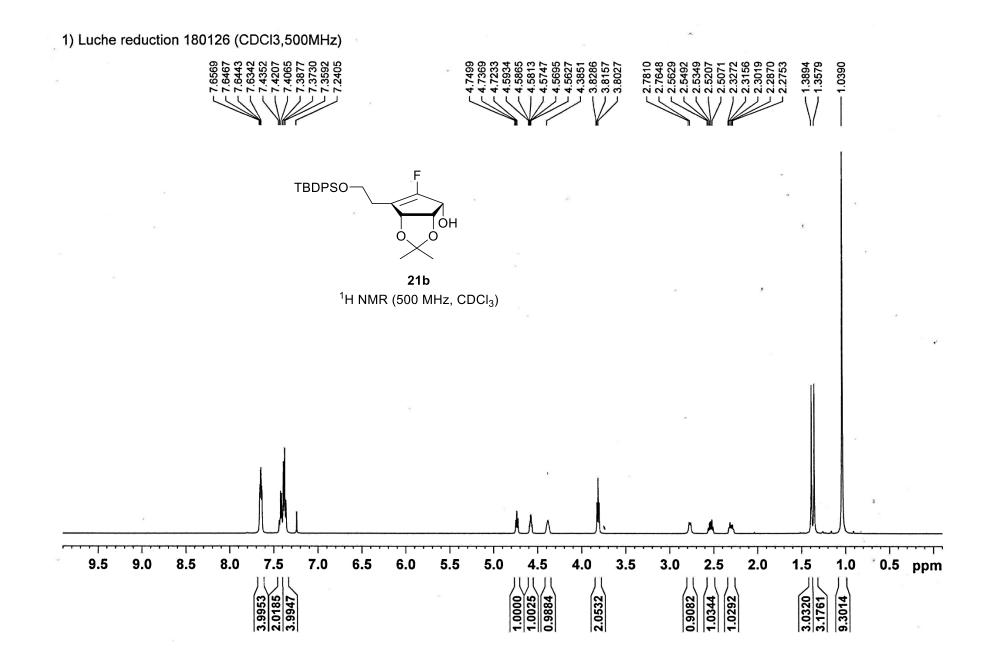


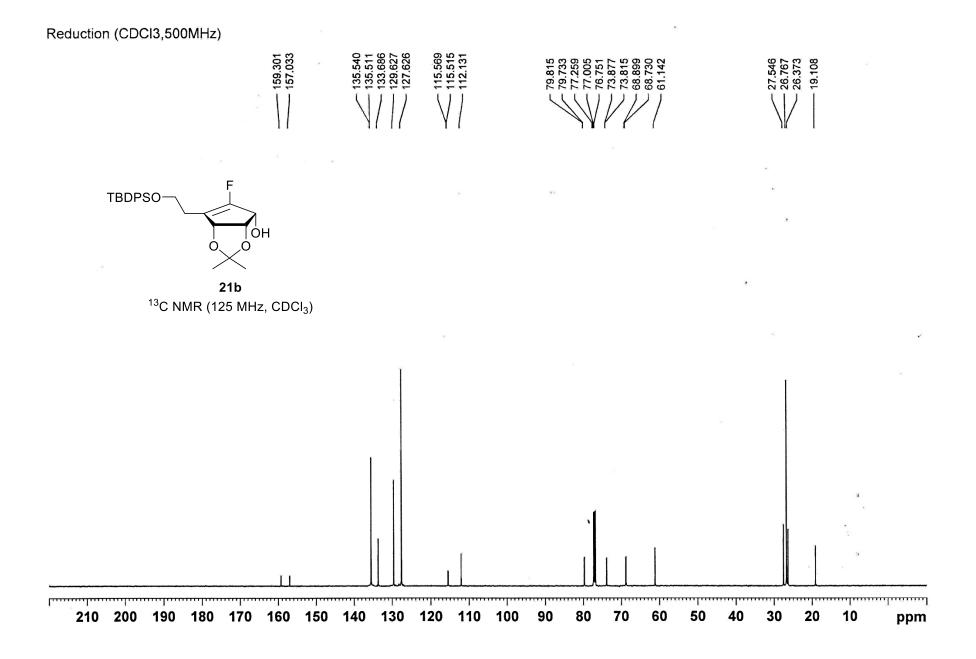


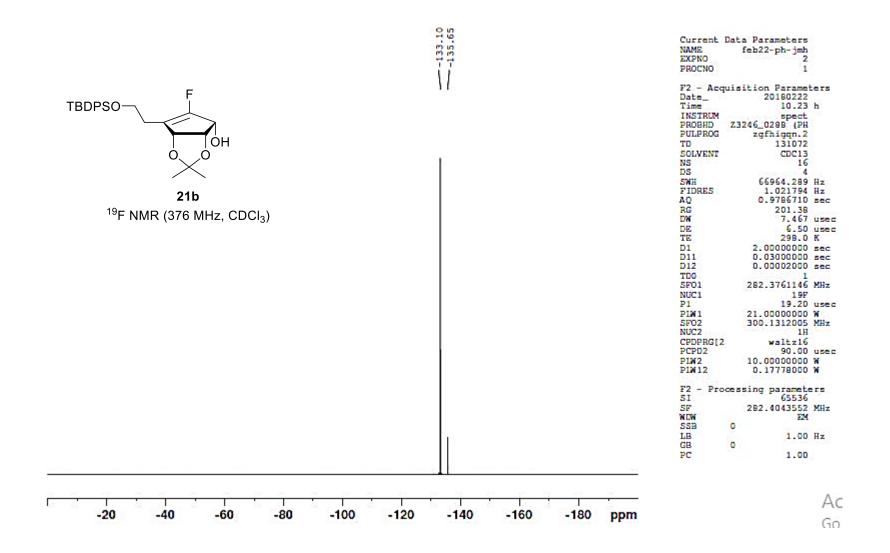


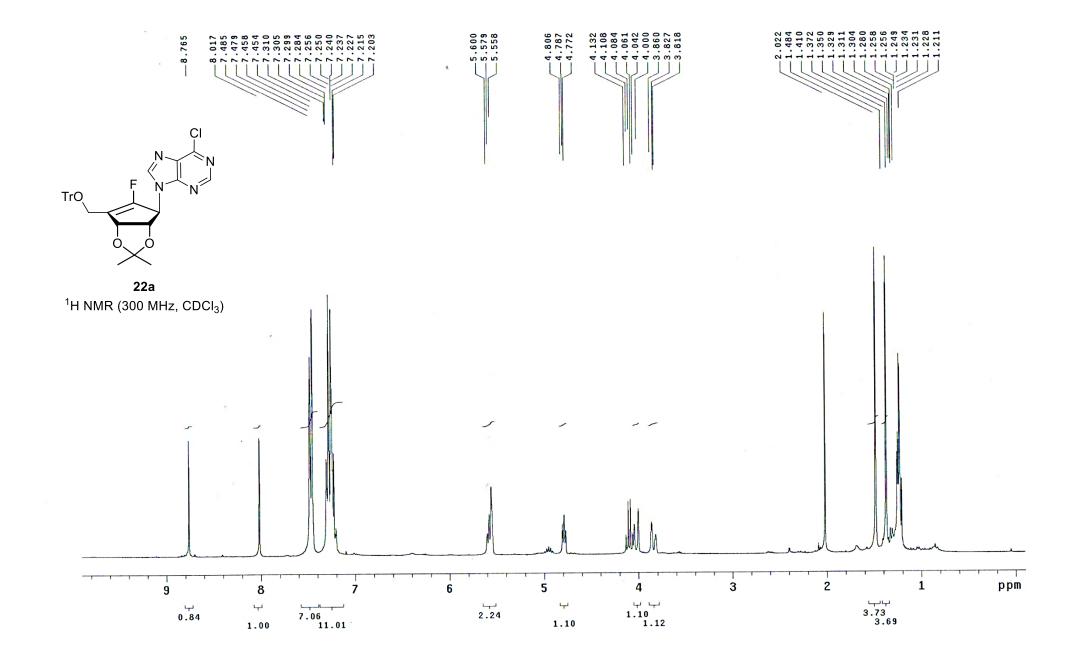


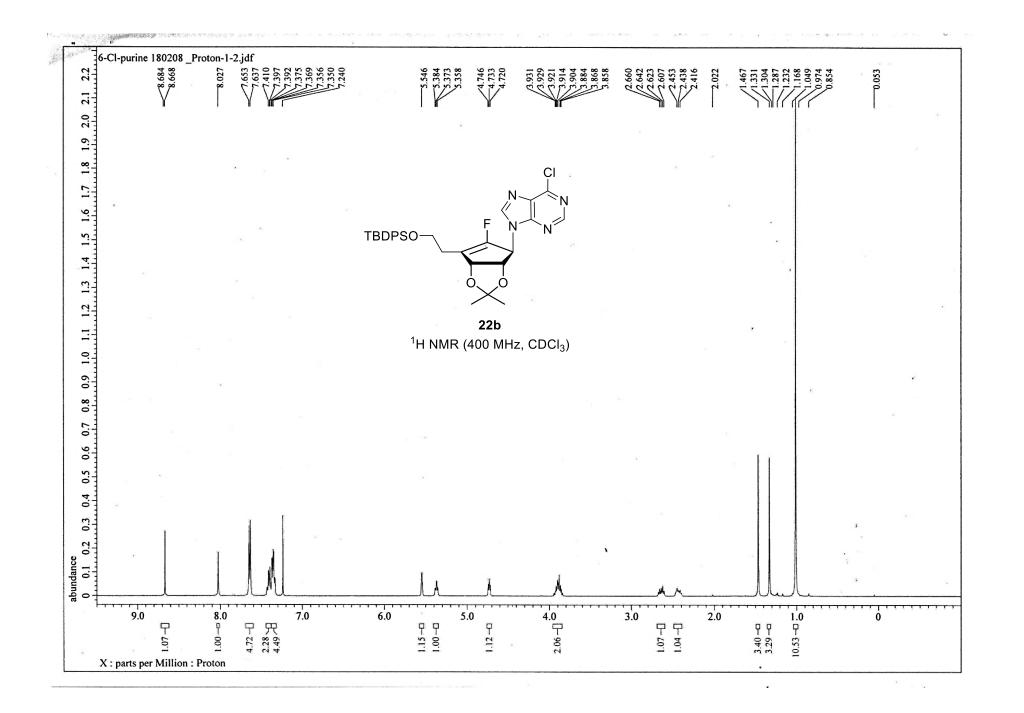


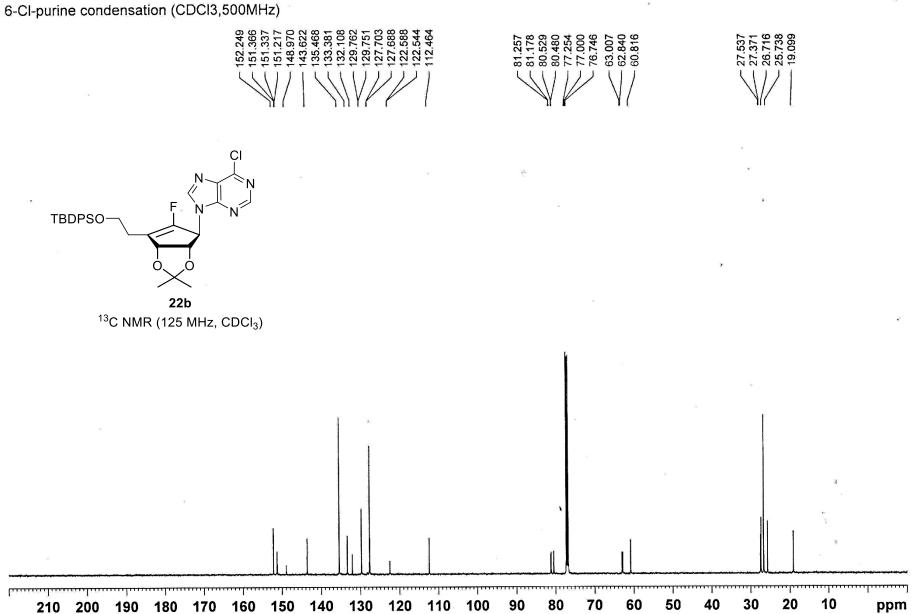




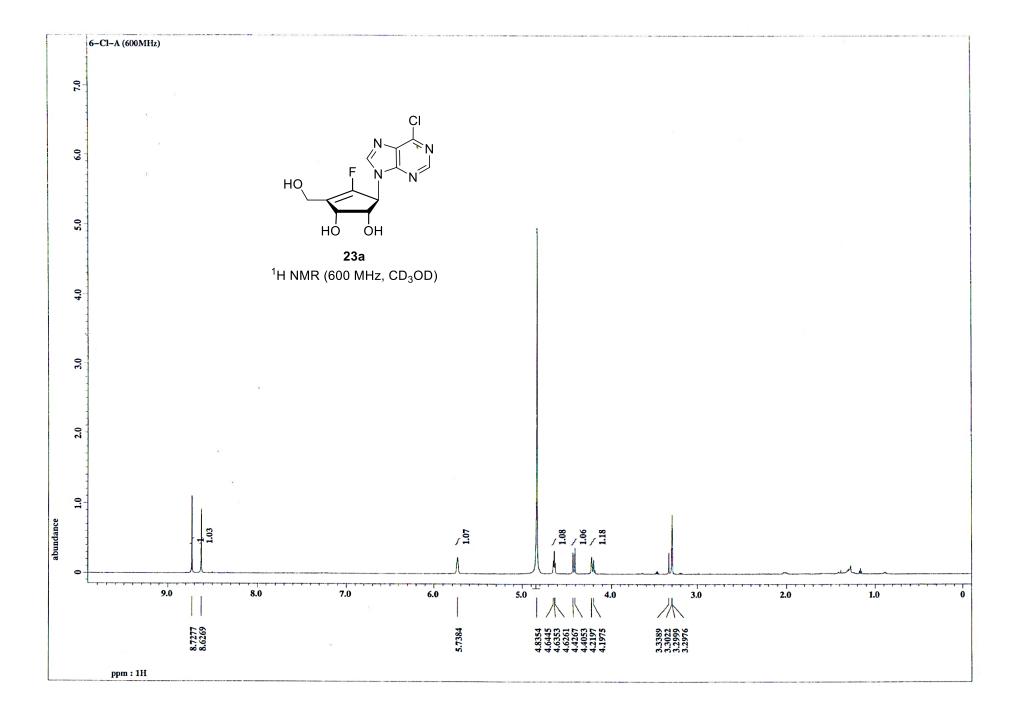


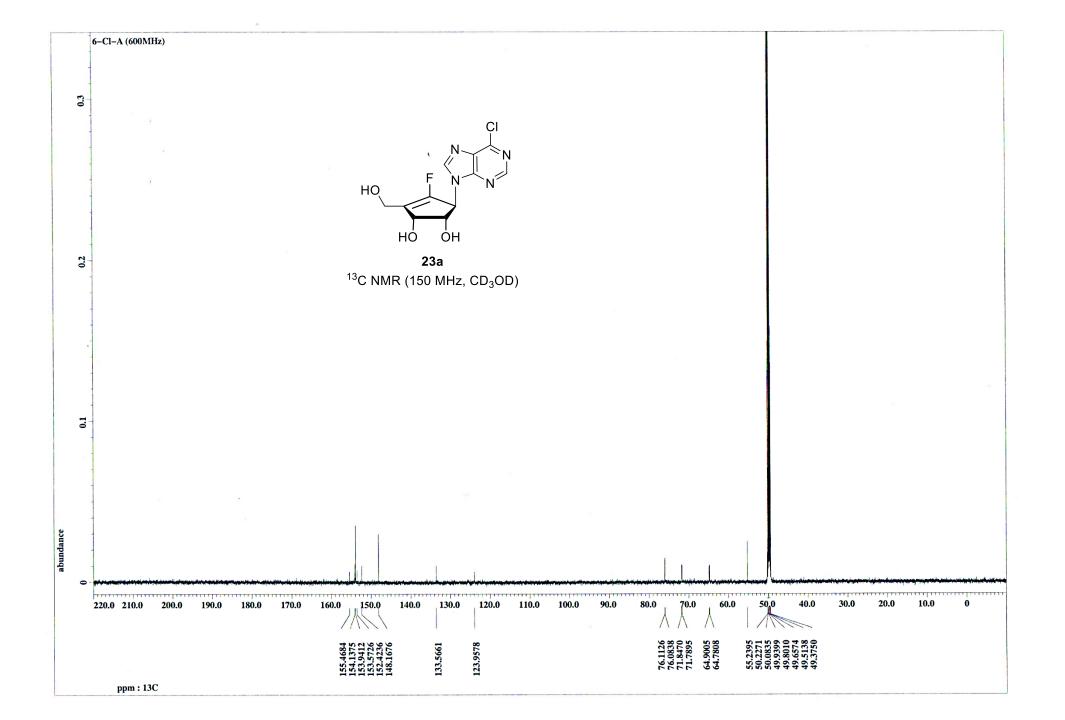


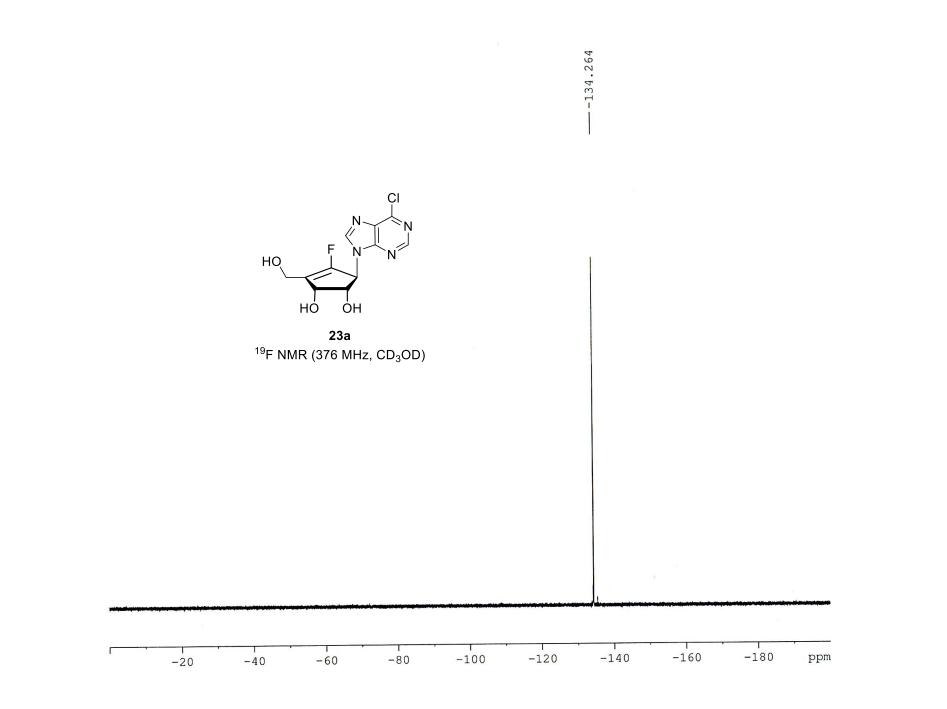


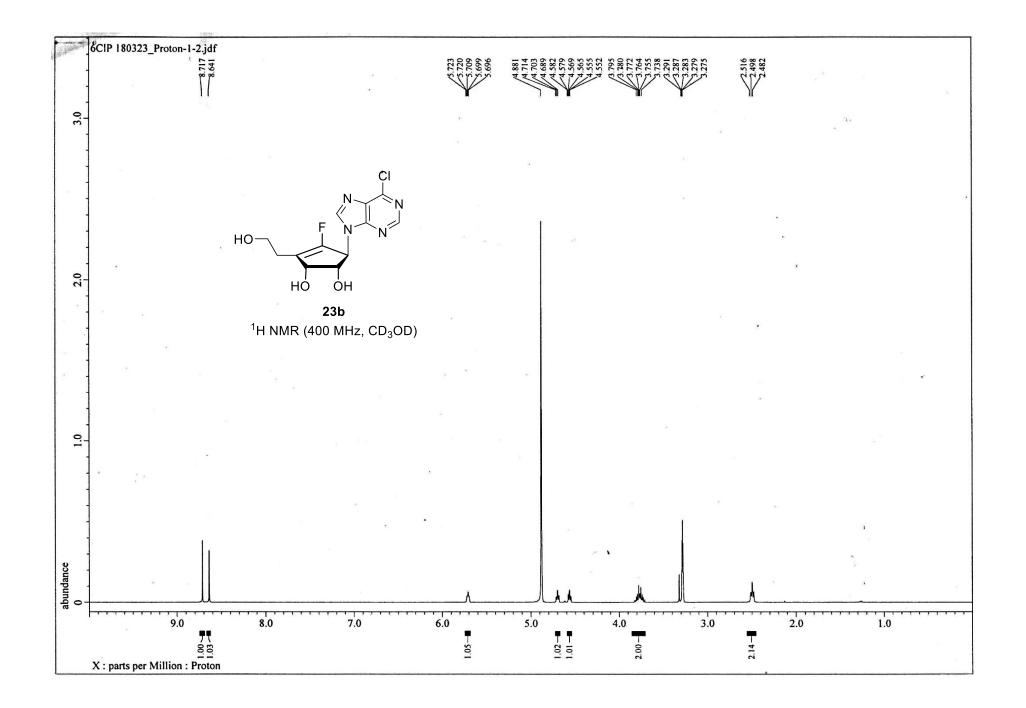


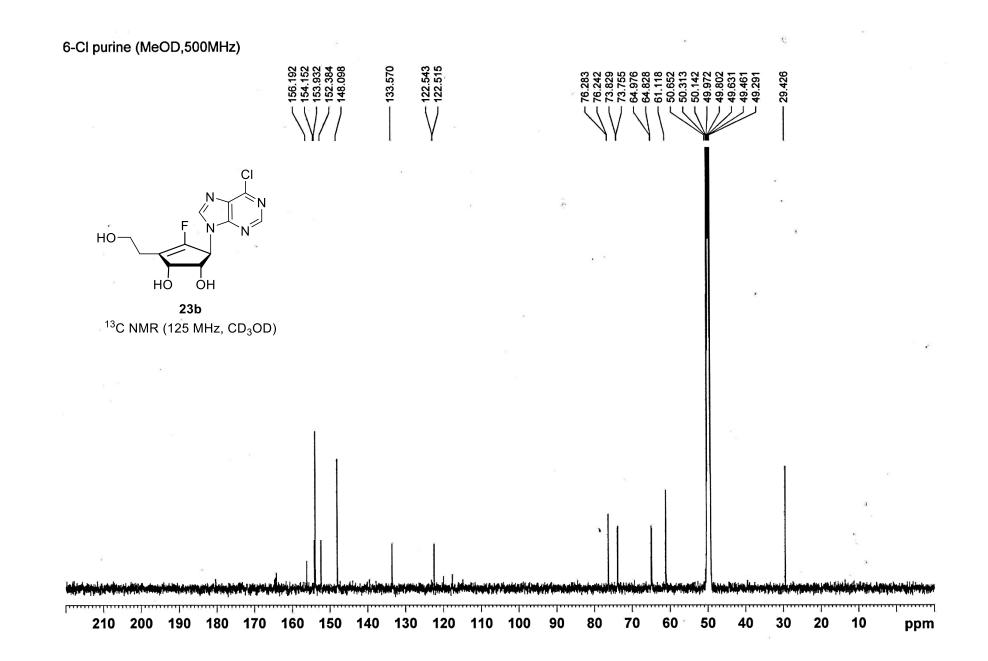
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| 22b | | | NS DS SWH FIDRES AQ RG DW | 16 4 66964.289 H 1.021794 H 0.9786710 s 201.38 7.467 u |
| ¹⁹ F NMR (376 MHz, CDCl ₃) | | | DE TE D1 D11 D12 TD0 | 6.50 u 298.0 K 2.00000000 s 0.03000000 s 0.00002000 s |
| | | | SF01 NUC1 P1 P1W1 SF02 NUC2 | 282.3761146 M 19F 19.20 u 21.0000000 W 300.1312005 M 1H |
| | | | CPDPRG[2 PCPD2 PIW2 PIW12 | waltz16 90.00 u 10.00000000 W 0.17778000 W |
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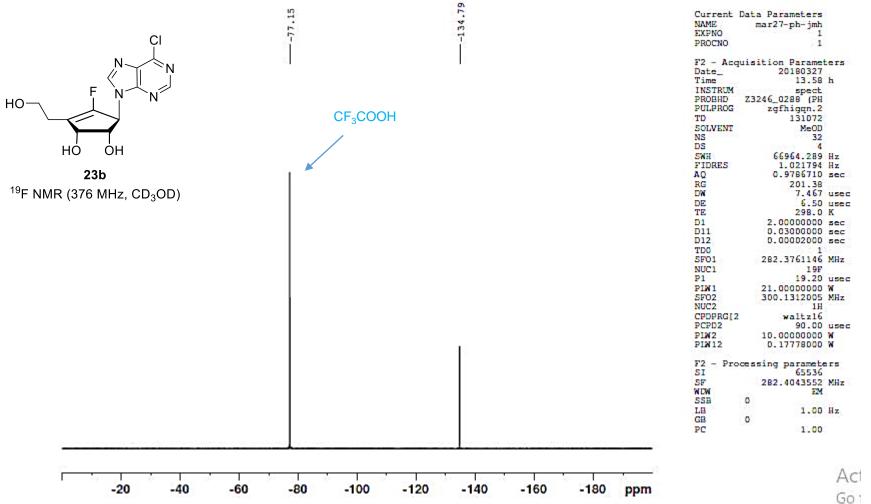


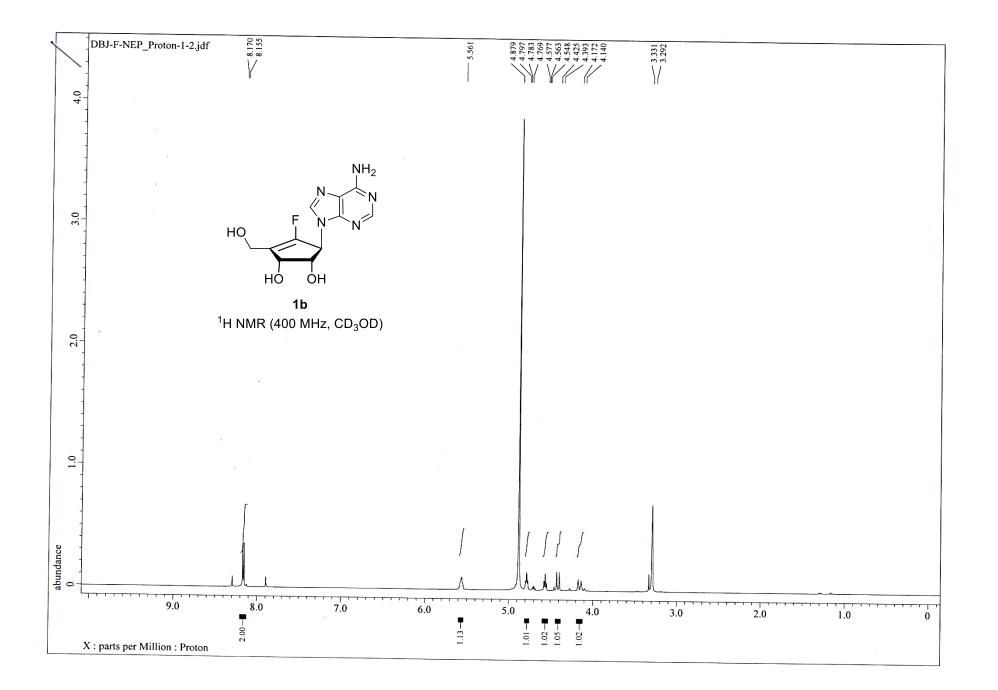


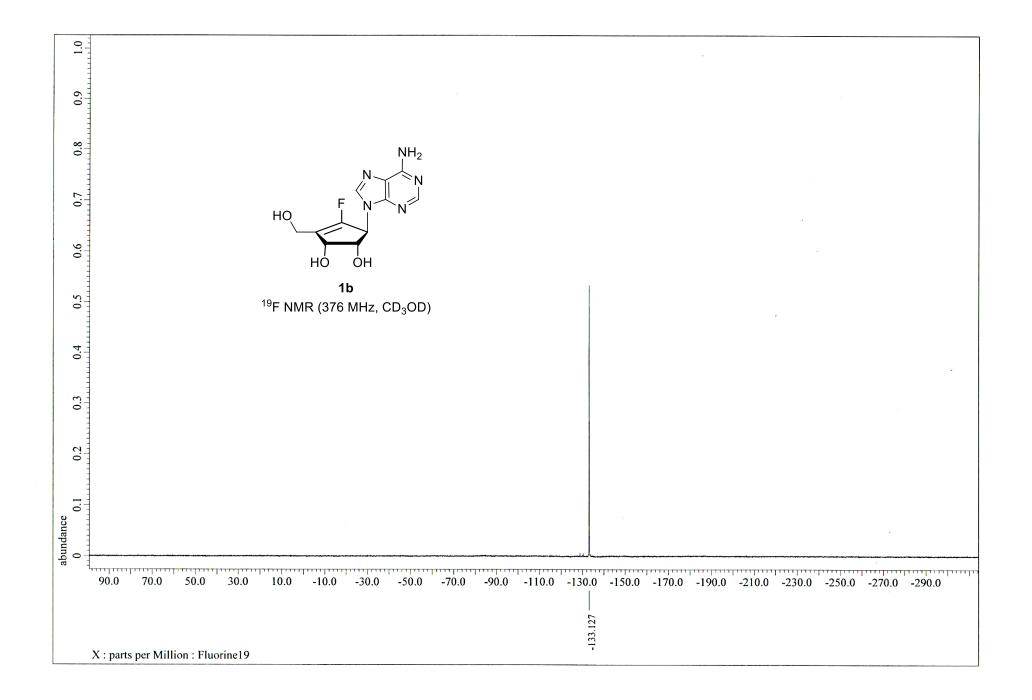


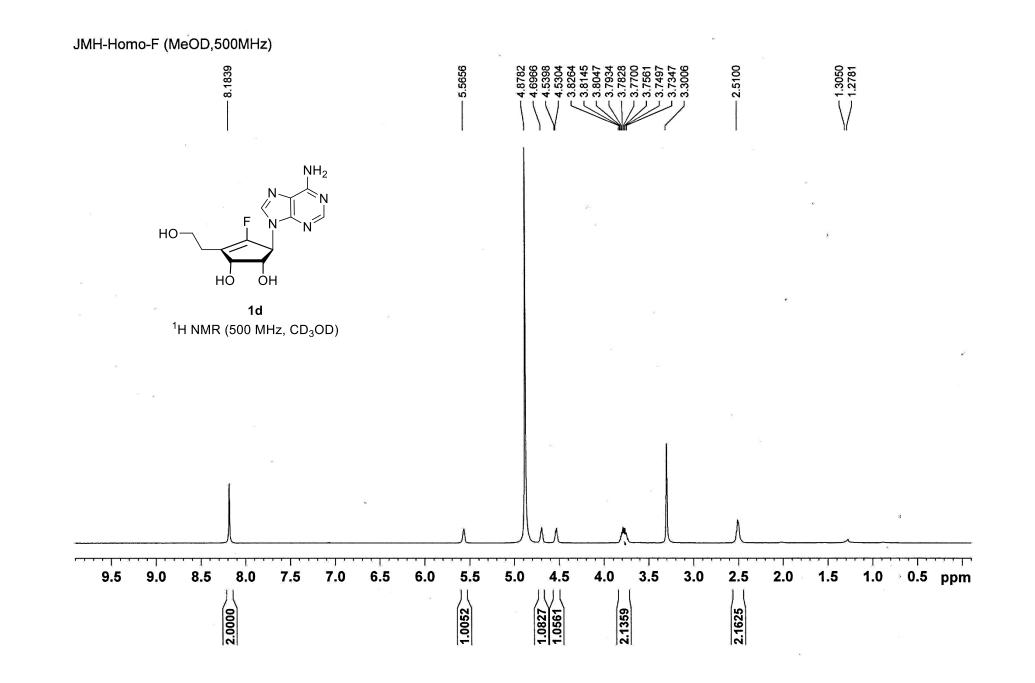


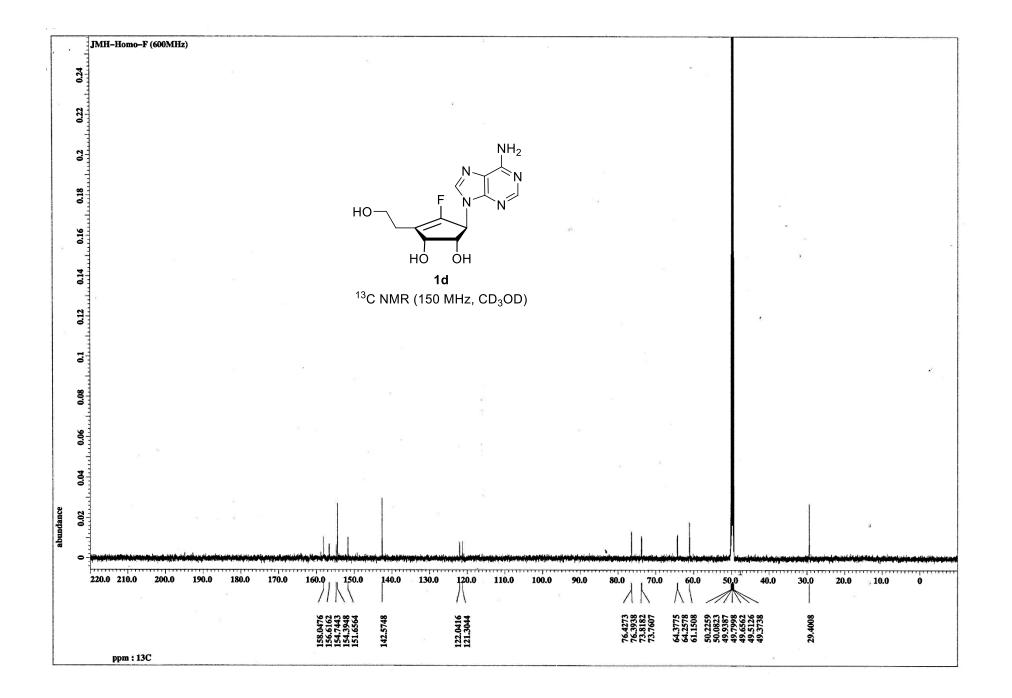












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| н | 0— | F N | N | | | | I | | | | F2 - J Date_ Time INSTR PROBH PULPR | UM ID | uisition Param 2019032 11.1 5pec Z3246_0288 (Pl zgfhiggn.) | 33 tH2 |
| | НС | ОН | | | | | | | | | TD SOLVEI NS DS SWH | NT | 13107: MeO 12 66964.28 | B |
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