

Supporting Information

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DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF PYRIMIDINE DERIVATIVES CONTAINING UREA

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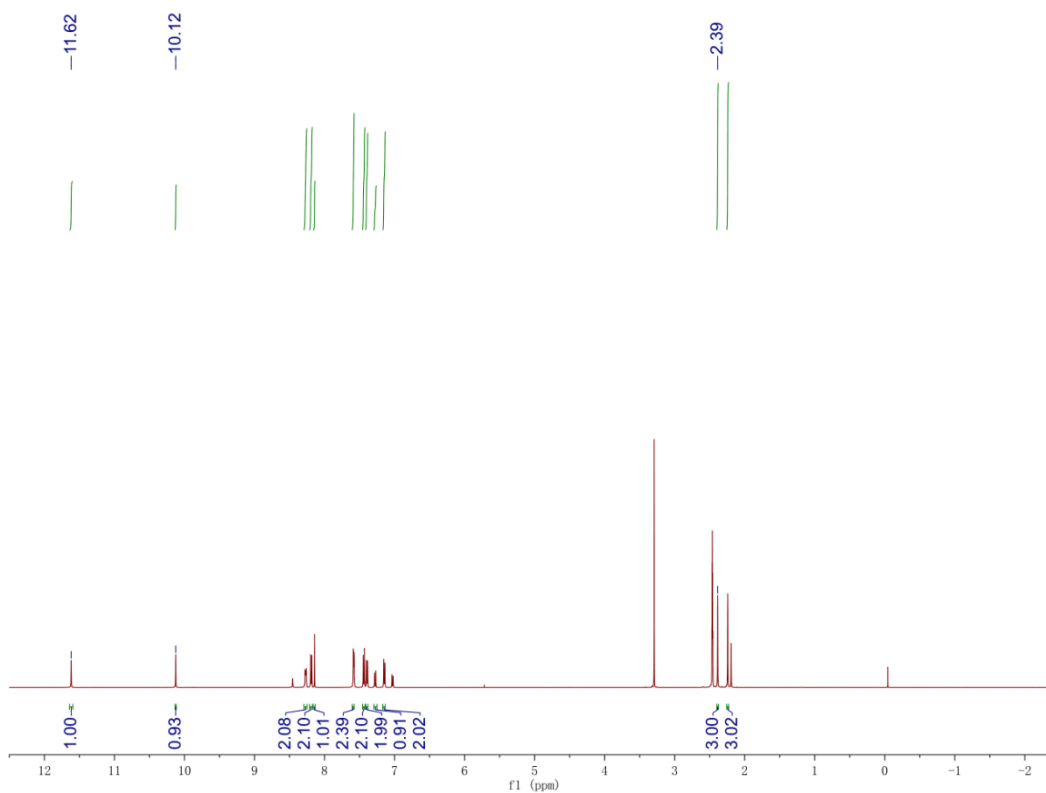


Figure S1 ^1H NMR Spectrum of the target compound **HD-1**

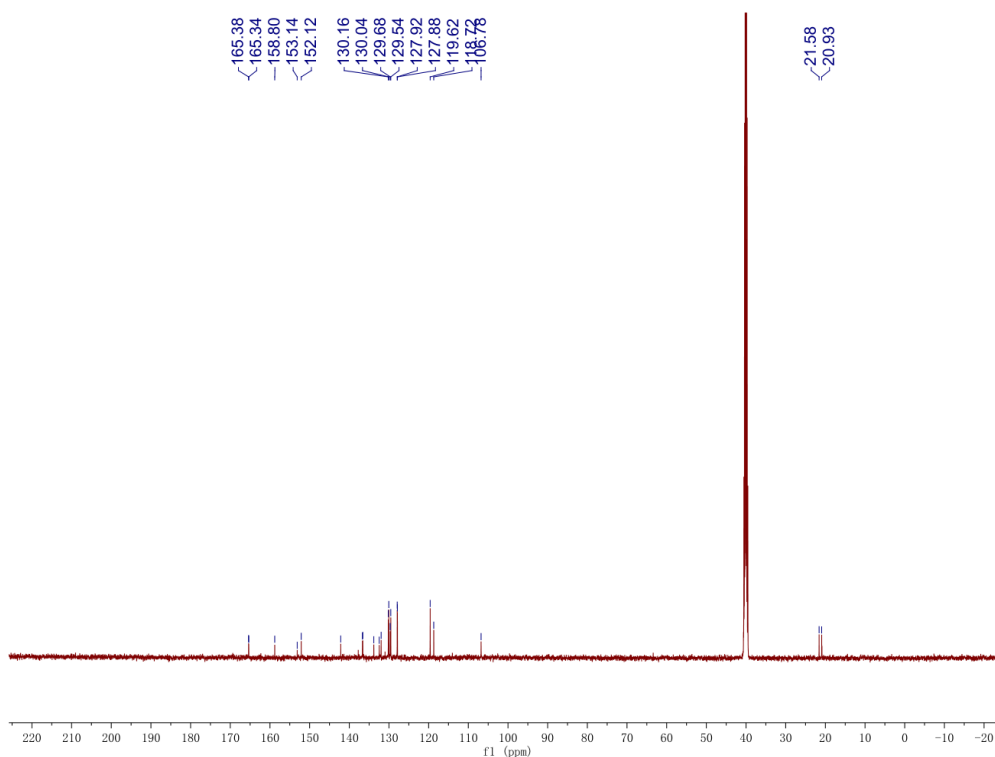


Figure S2 ^{13}C NMR Spectrum of the target compound **HD-1**

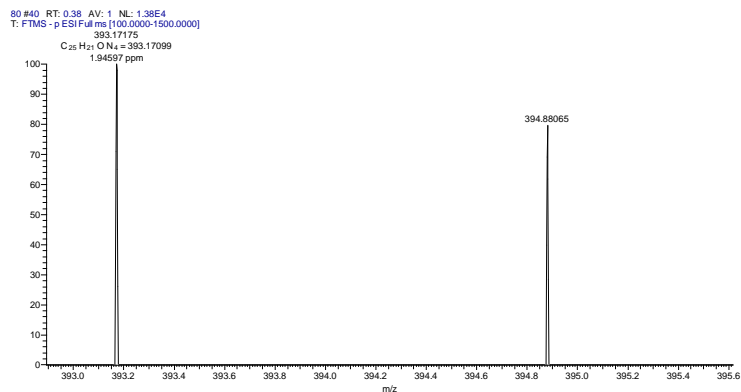


Figure S3 HRMS spectrum of the target compound **HD-1**

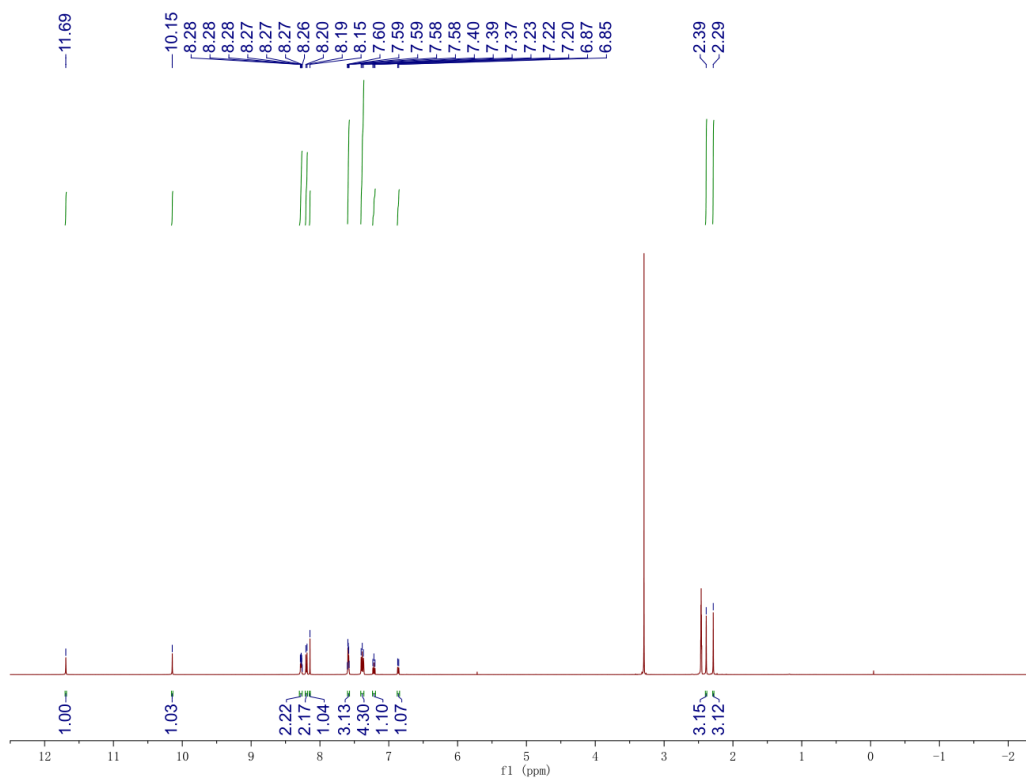


Figure S4 ¹H NMR Spectrum of the target compound **HD-2**

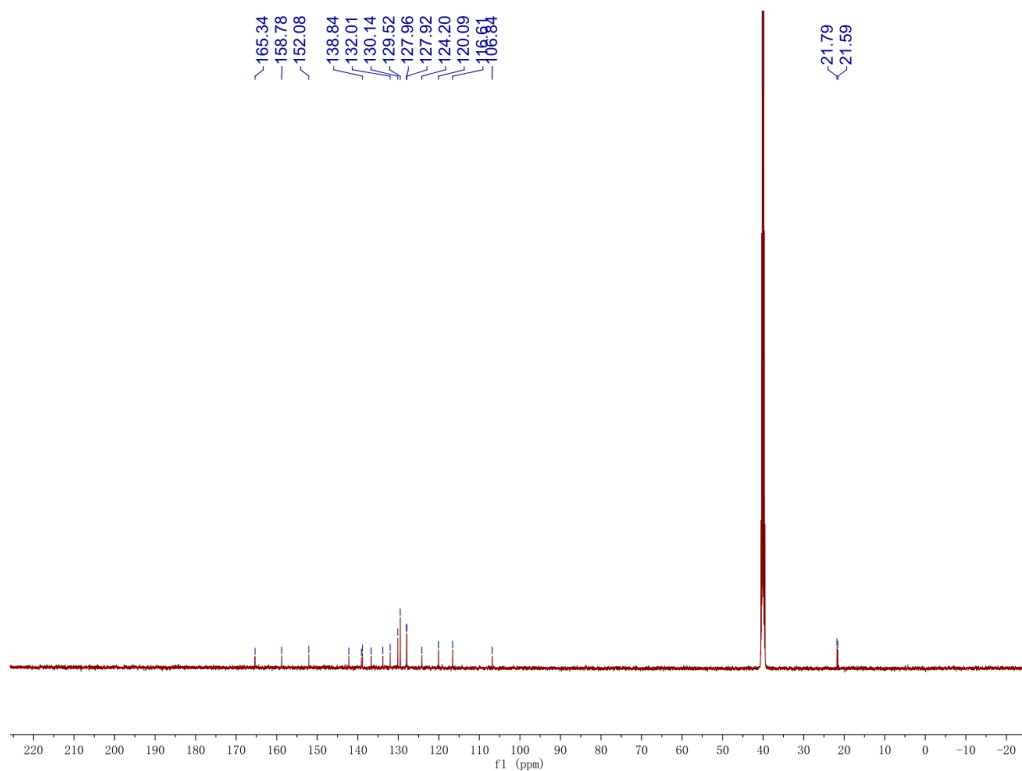


Figure S5 ^{13}C NMR Spectrum of the target compound **HD-2**

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T: FTMS - p ESI Full ms [100.0000-1500.0000]

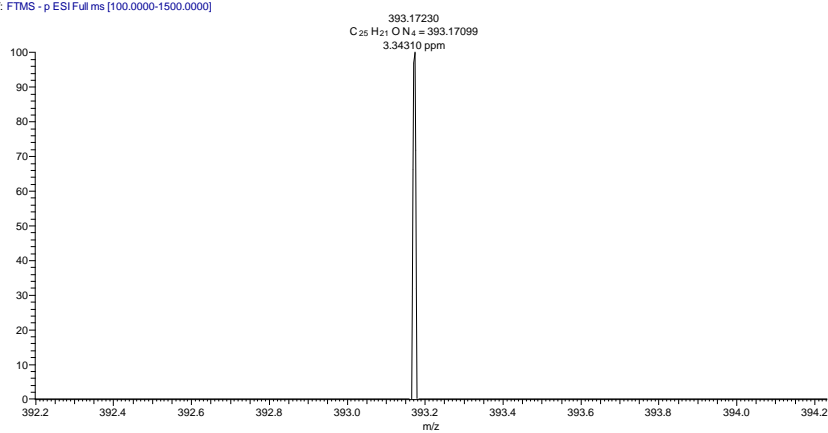


Figure S6 HRMS spectrum of the target compound **HD-2**

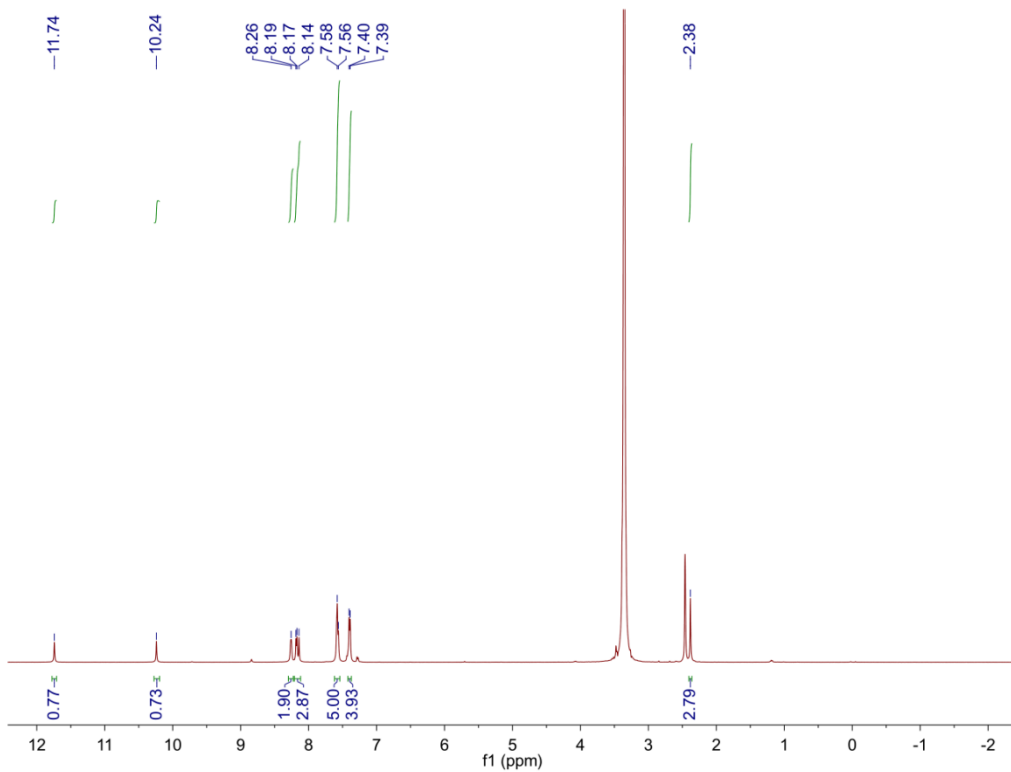


Figure S7 ^1H NMR Spectrum of the target compound **HD-3**

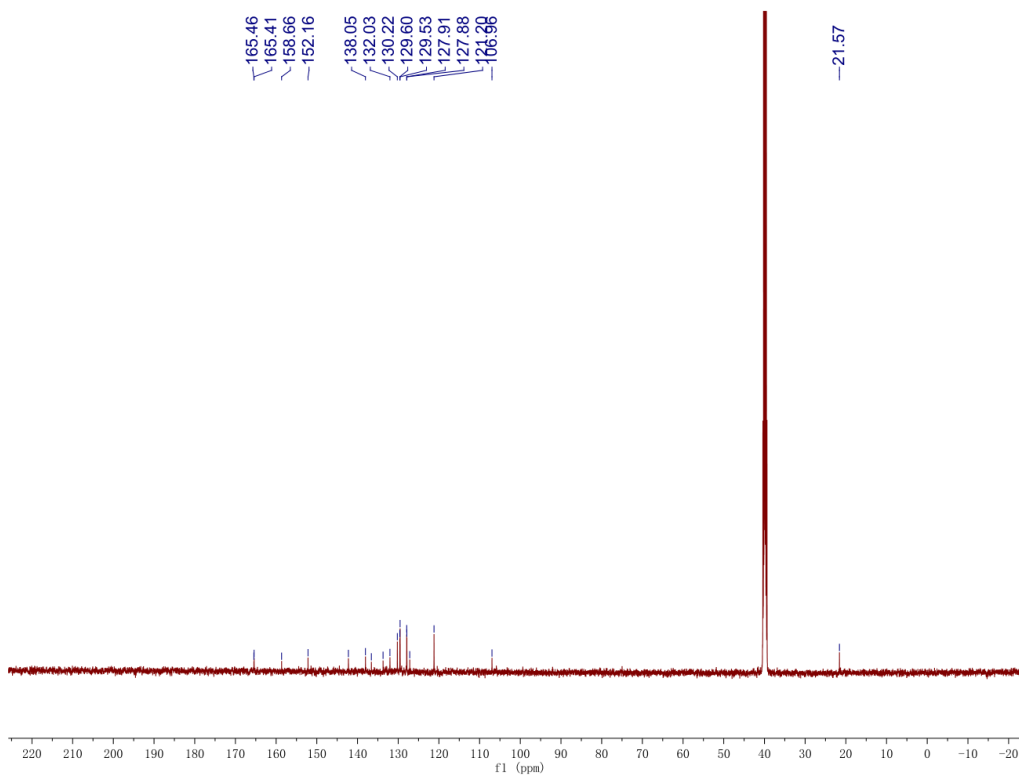


Figure S8 ^{13}C NMR Spectrum of the target compound **HD-3**

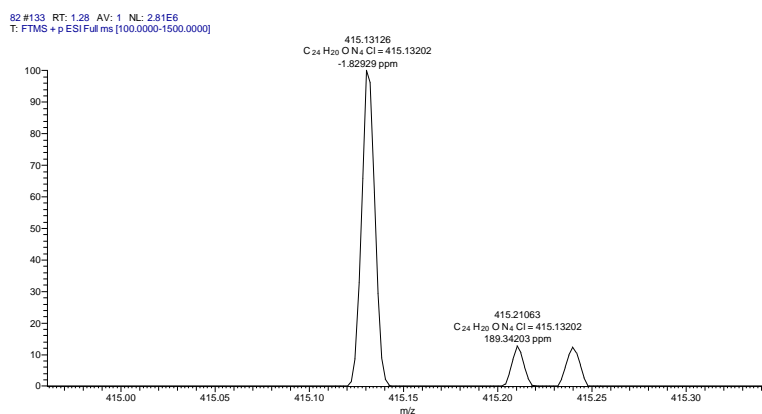


Figure S9 HRMS spectrum of the target compound **HD-3**

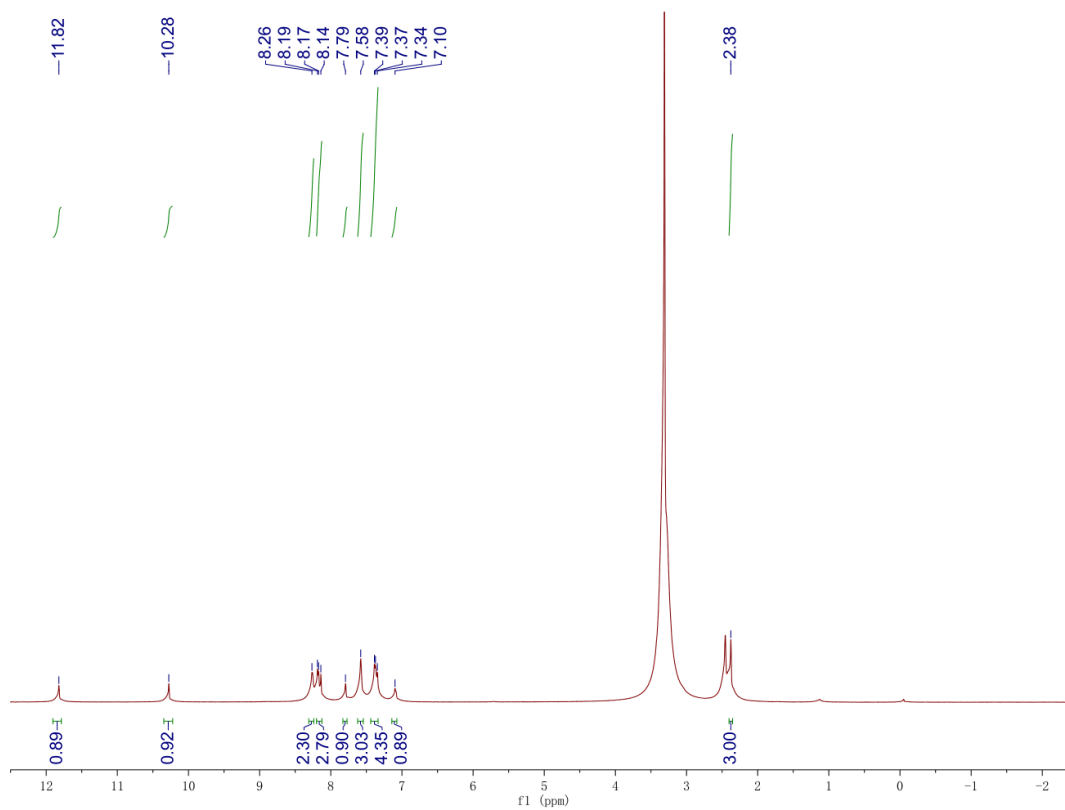


Figure S10 ¹H NMR Spectrum of the target compound **HD-4**

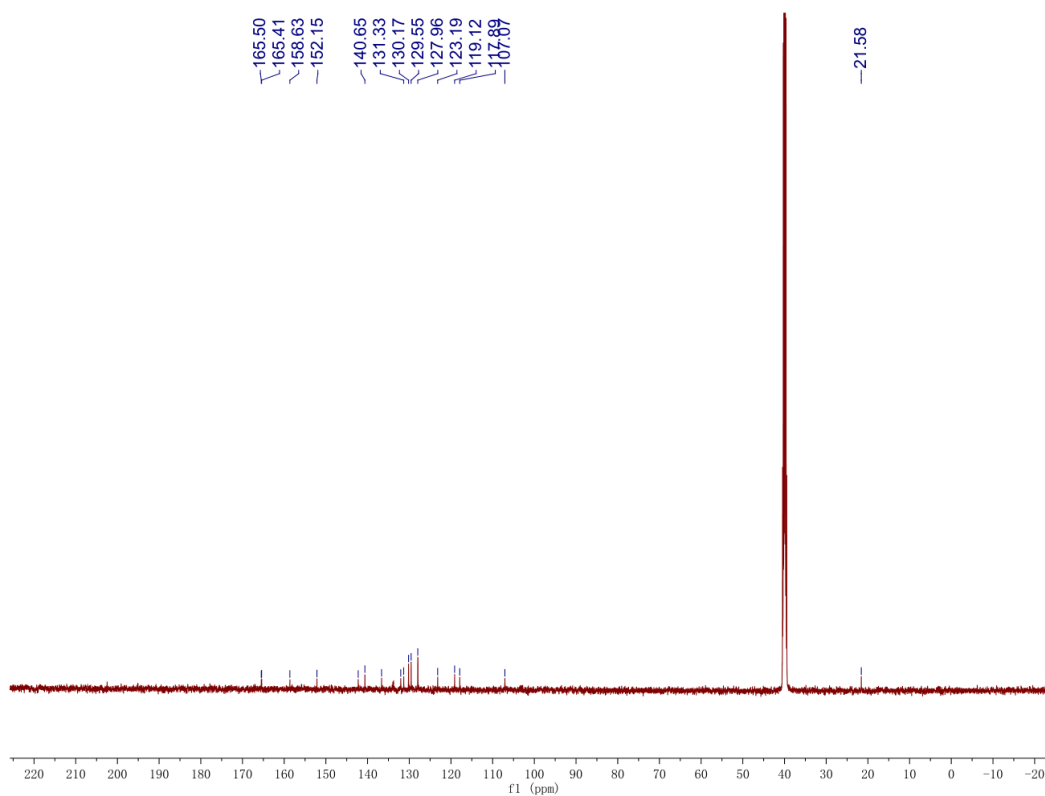


Figure S11 ^{13}C NMR Spectrum of the target compound **HD-4**

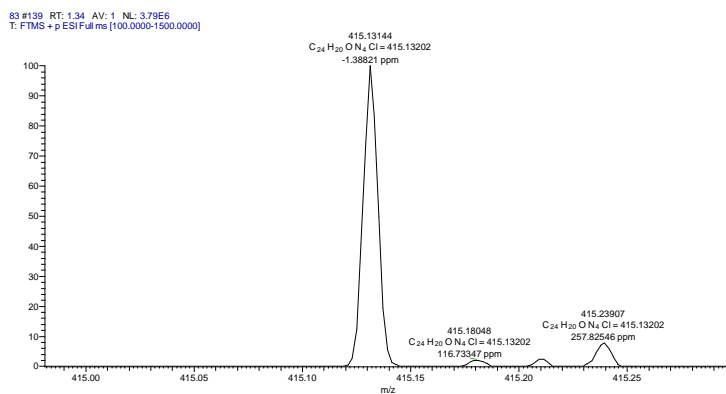


Figure S12 HRMS spectrum of the target compound **HD-4**

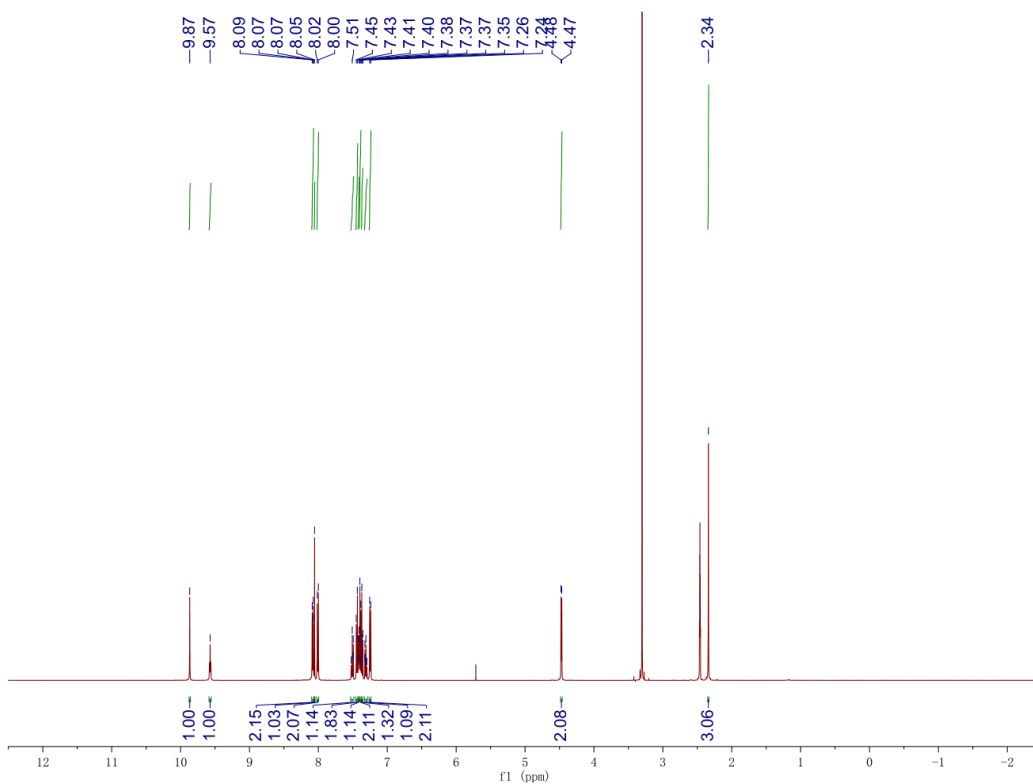


Figure S13 ^1H NMR Spectrum of the target compound **HD-5**

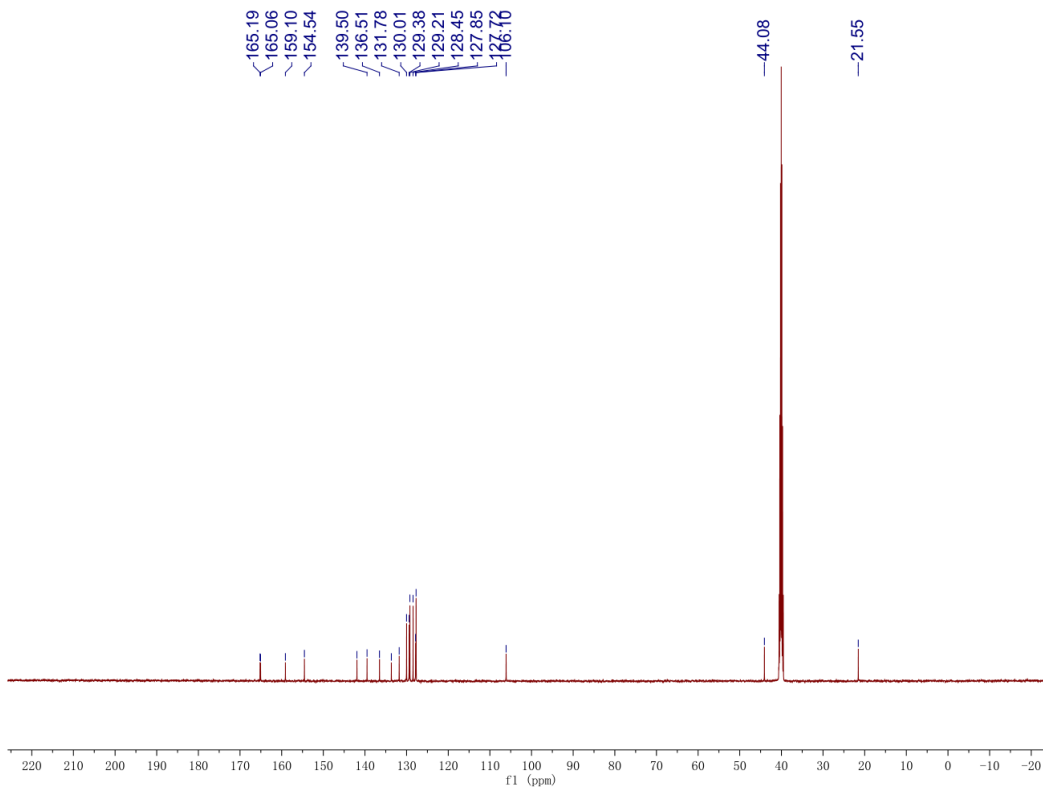


Figure S14 ^{13}C NMR Spectrum of the target compound **HD-5**

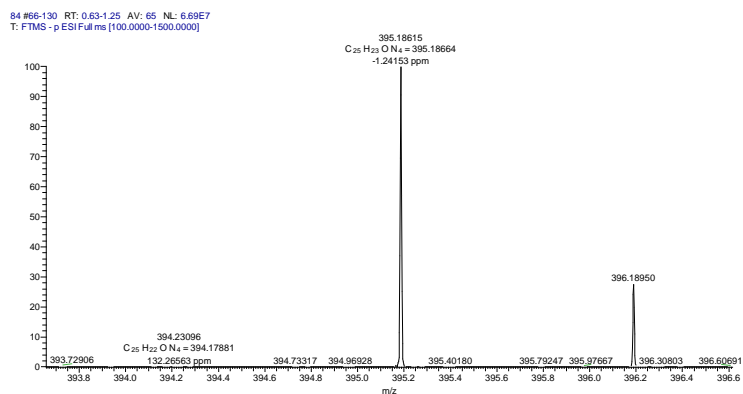


Figure S15 HRMS spectrum of the target compound **HD-5**

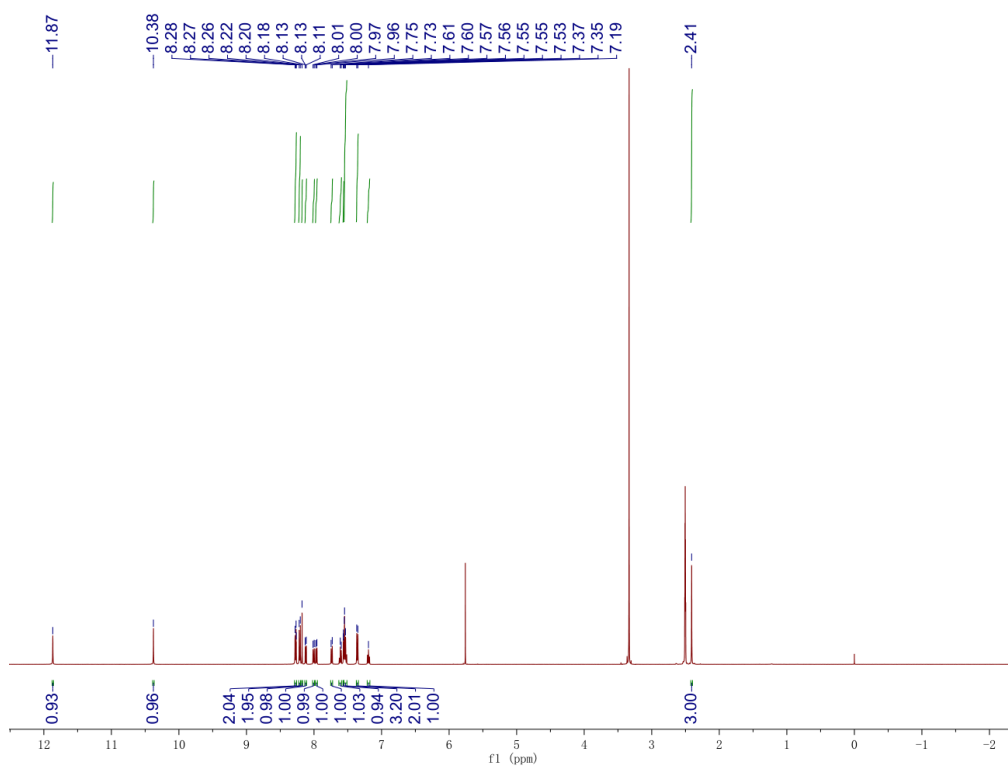


Figure S16 ¹H NMR Spectrum of the target compound **HD-6**

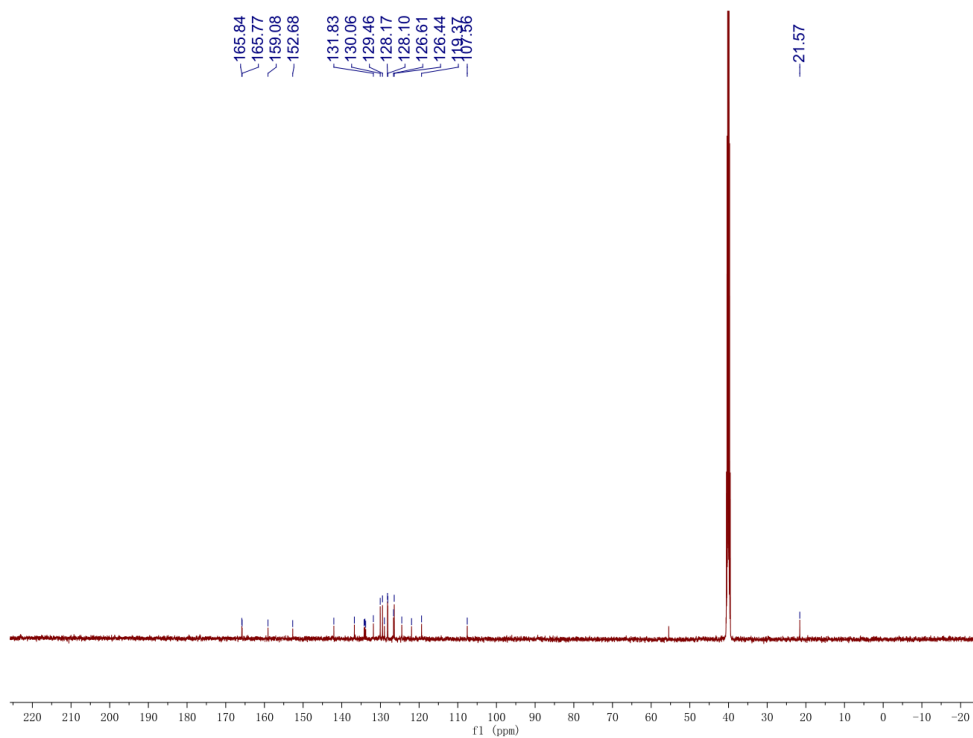


Figure S17 ^{13}C NMR Spectrum of the target compound **HD-6**

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T: FTMS + p ESI Full ms [100.0000-1500.0000]

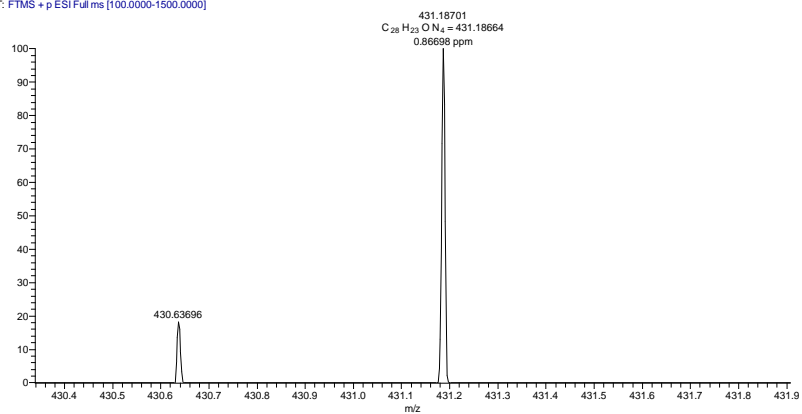


Figure S18 HRMS spectrum of the target compound **HD-6**

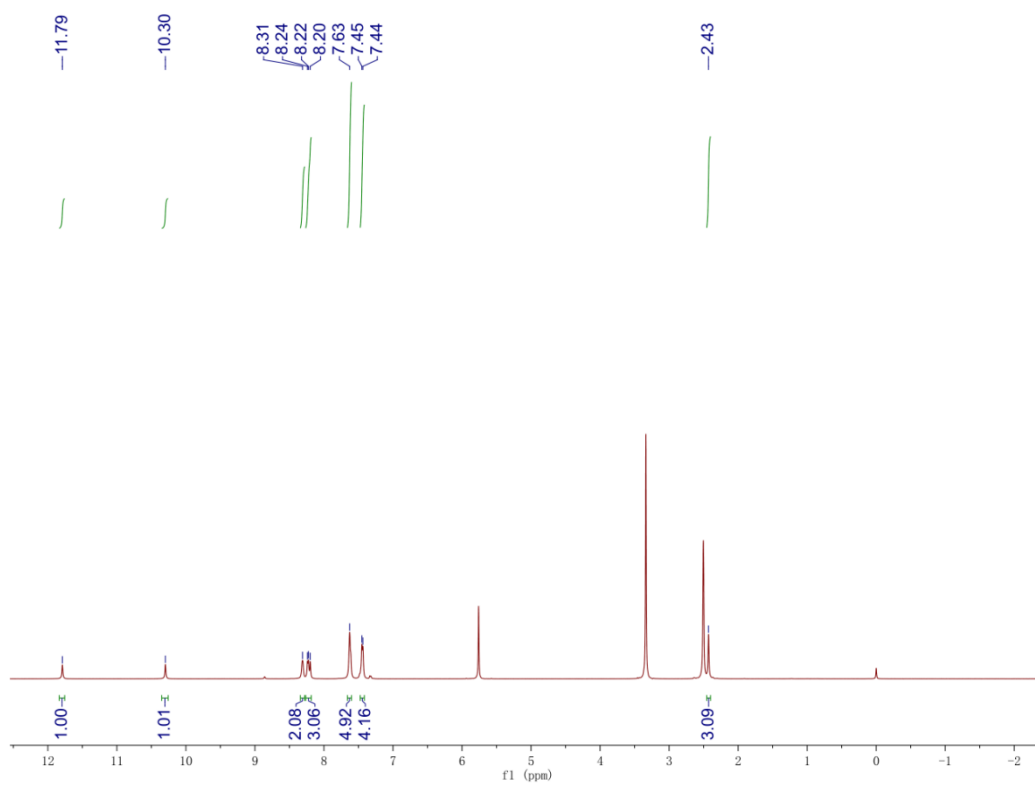


Figure S19 ^1H NMR Spectrum of the target compound **HD-7**

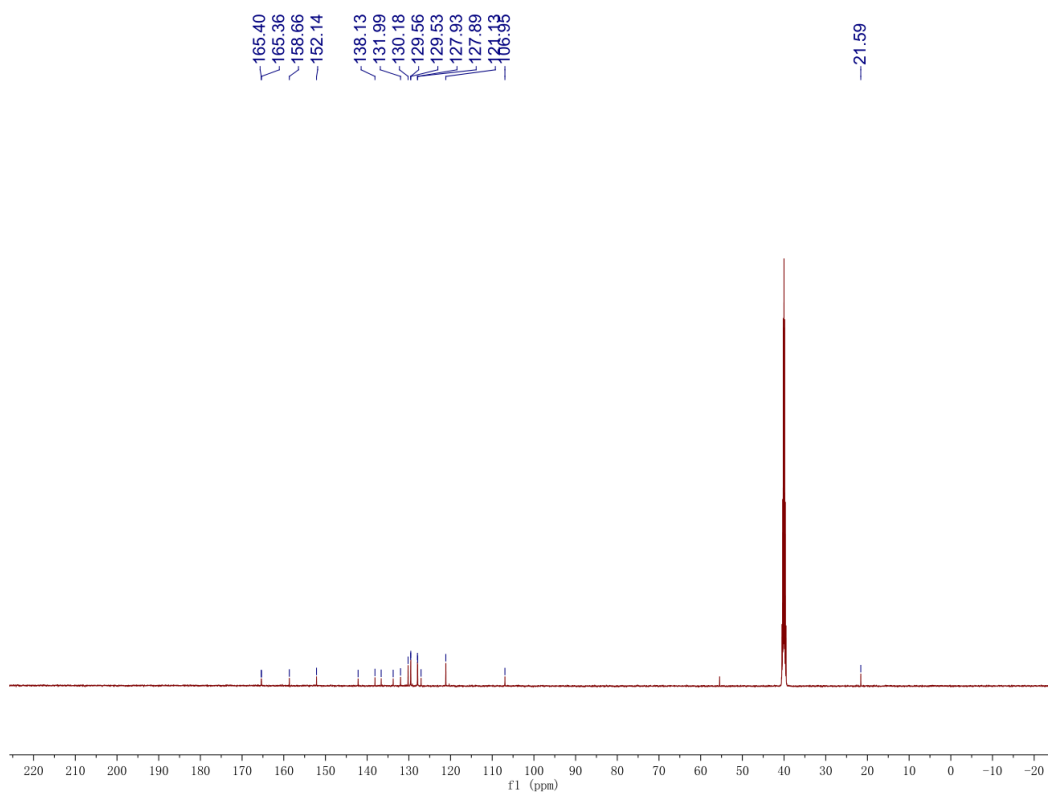


Figure S20 ^{13}C NMR Spectrum of the target compound **HD-7**

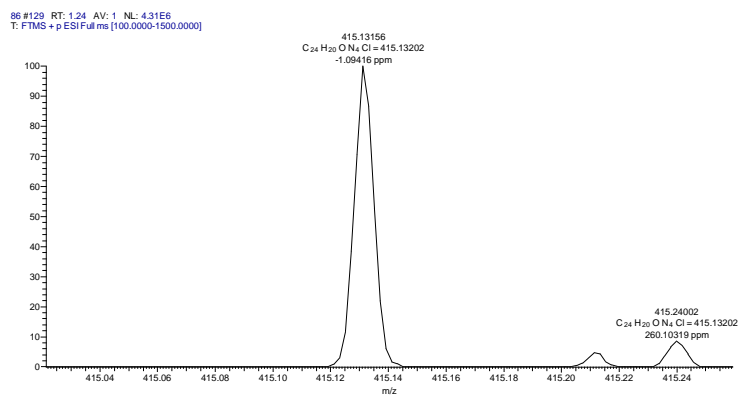


Figure S21 HRMS spectrum of the target compound **HD-7**

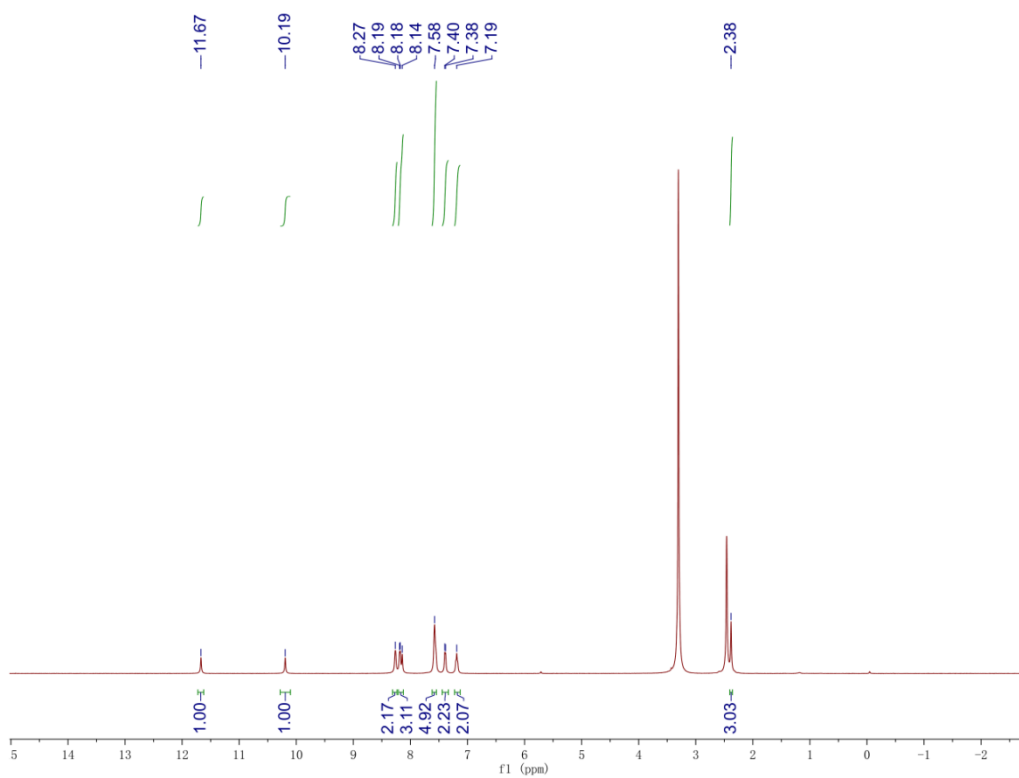


Figure S22 ¹H NMR Spectrum of the target compound **HD-8**

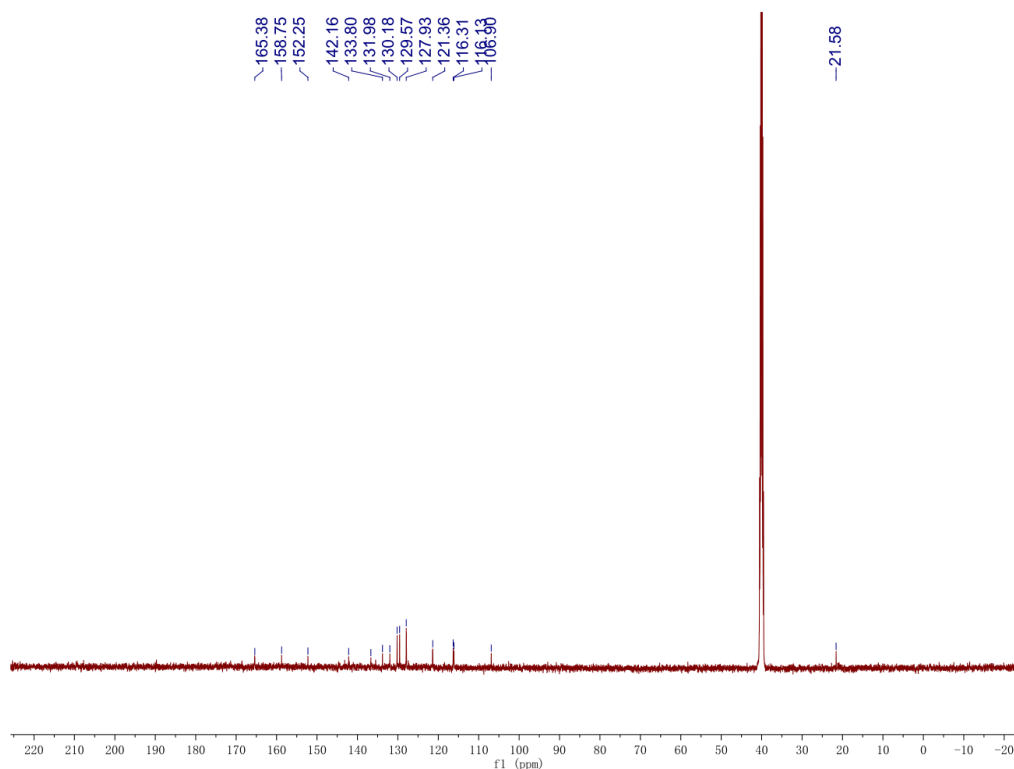


Figure S23 ^{13}C NMR Spectrum of the target compound **HD-8**

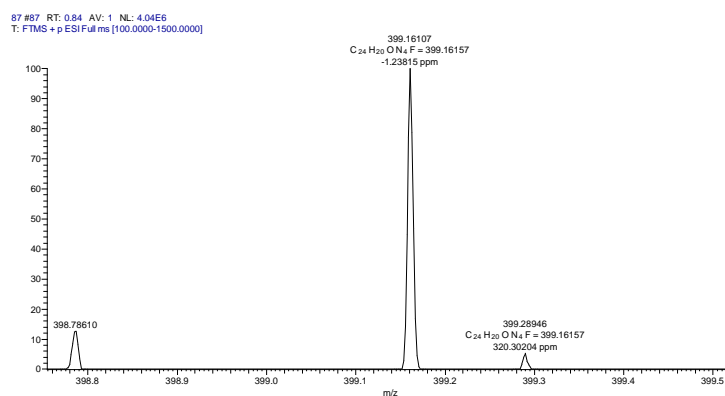


Figure S24 HRMS spectrum of the target compound **HD-8**

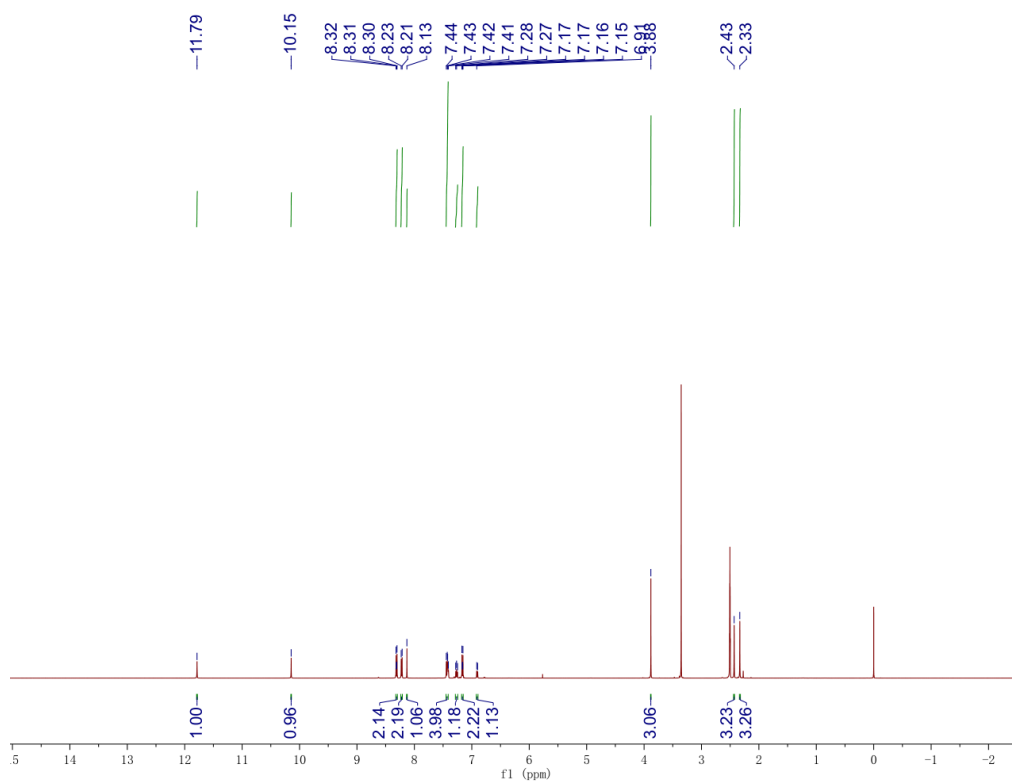


Figure S25 ^1H NMR Spectrum of the target compound **HD-9**

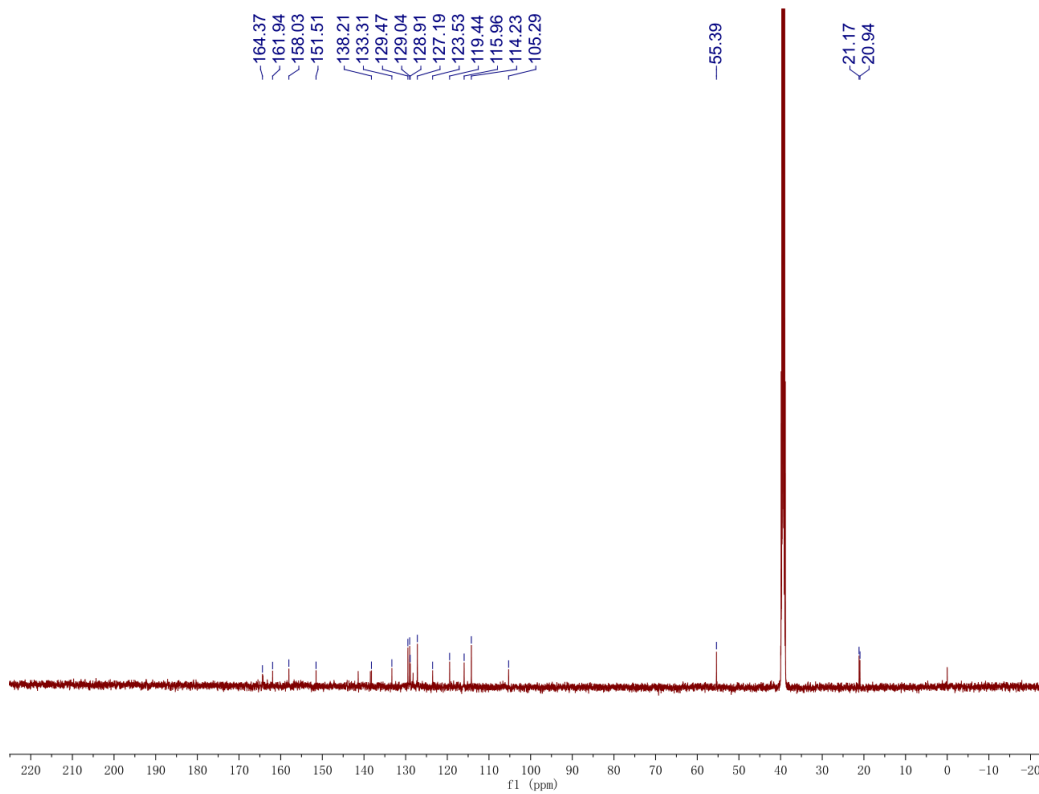


Figure S26 ^{13}C NMR Spectrum of the target compound **HD-9**

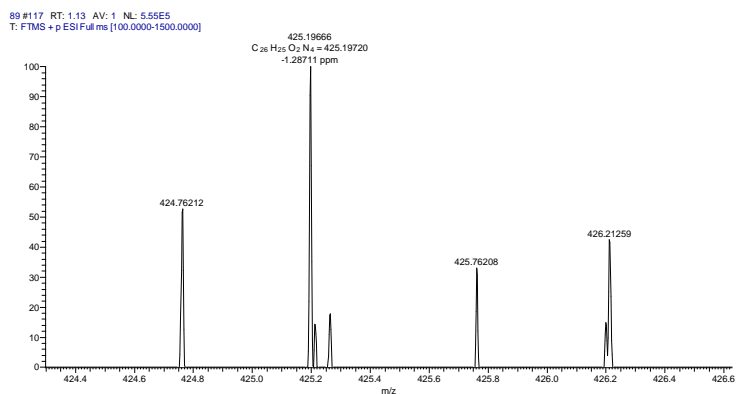


Figure S27 HRMS spectrum of the target compound **HD-9**

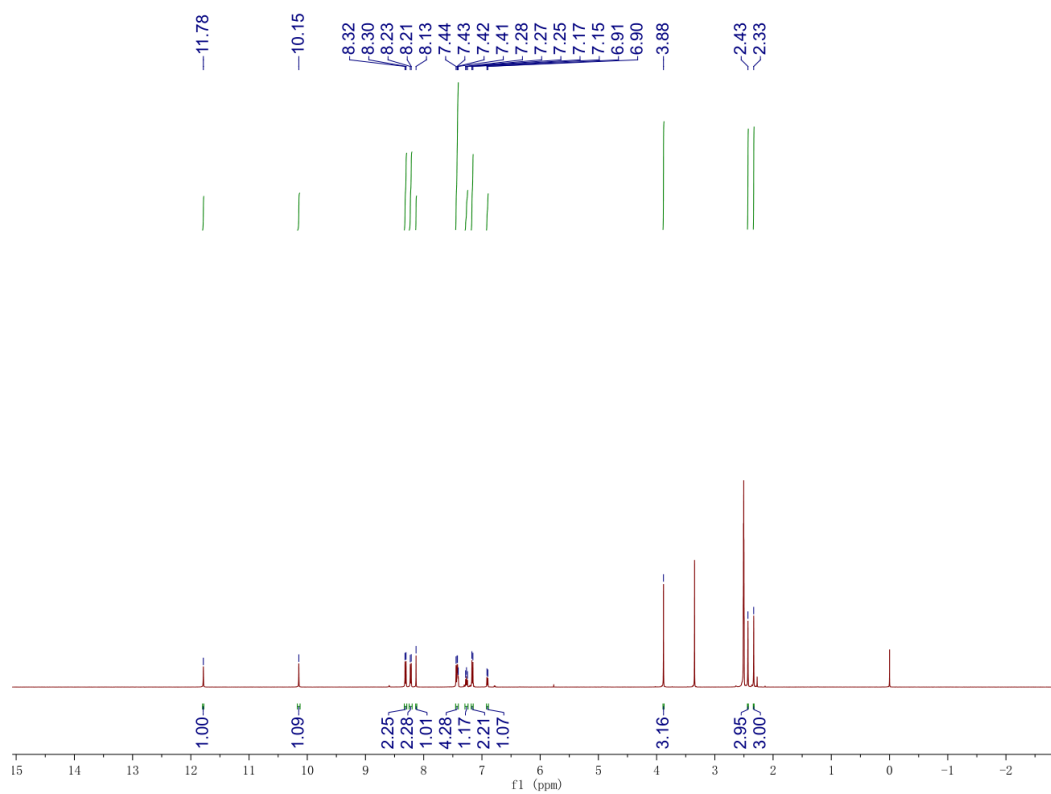


Figure S28 ¹H NMR Spectrum of the target compound **HD-10**

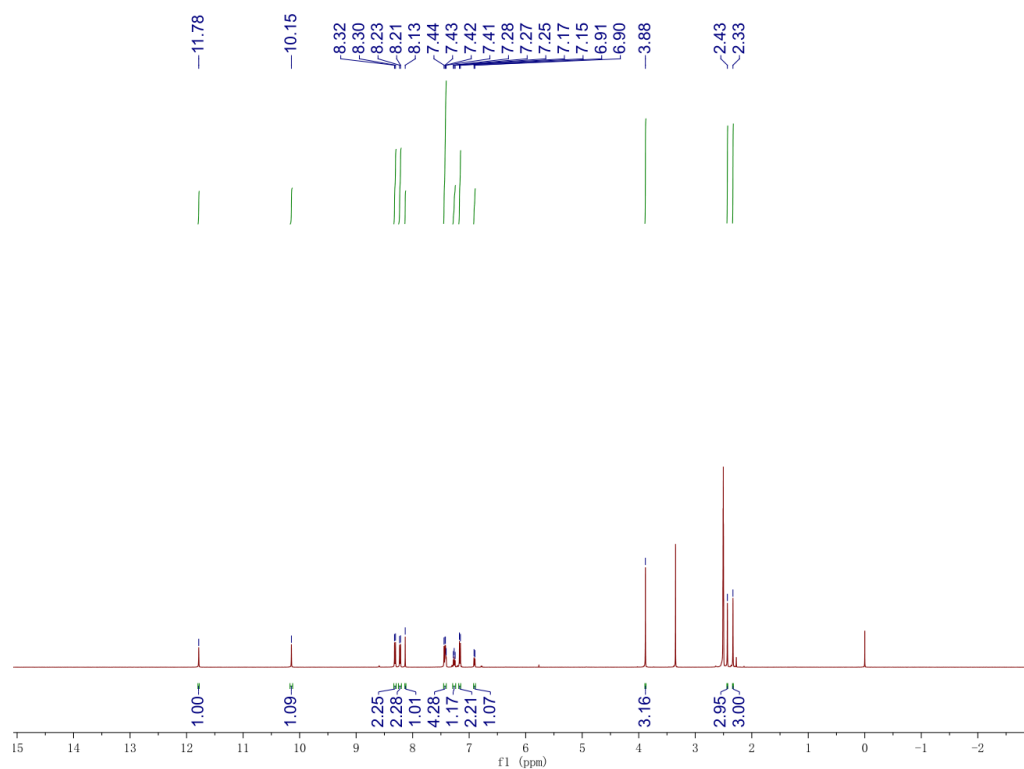


Figure S29 ^{13}C NMR Spectrum of the target compound **HD-10**

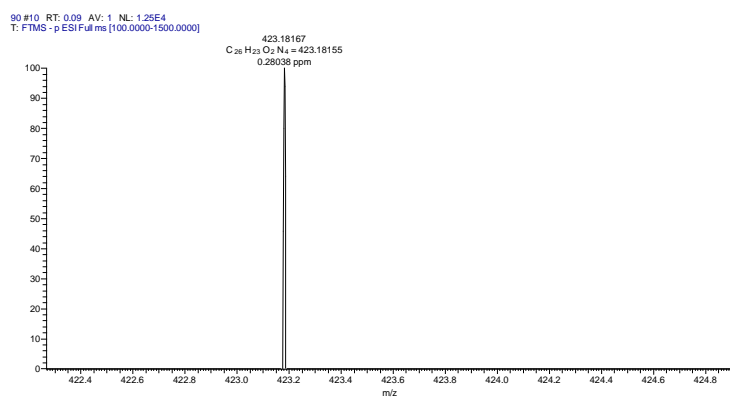


Figure S30 HRMS spectrum of the target compound **HD-10**

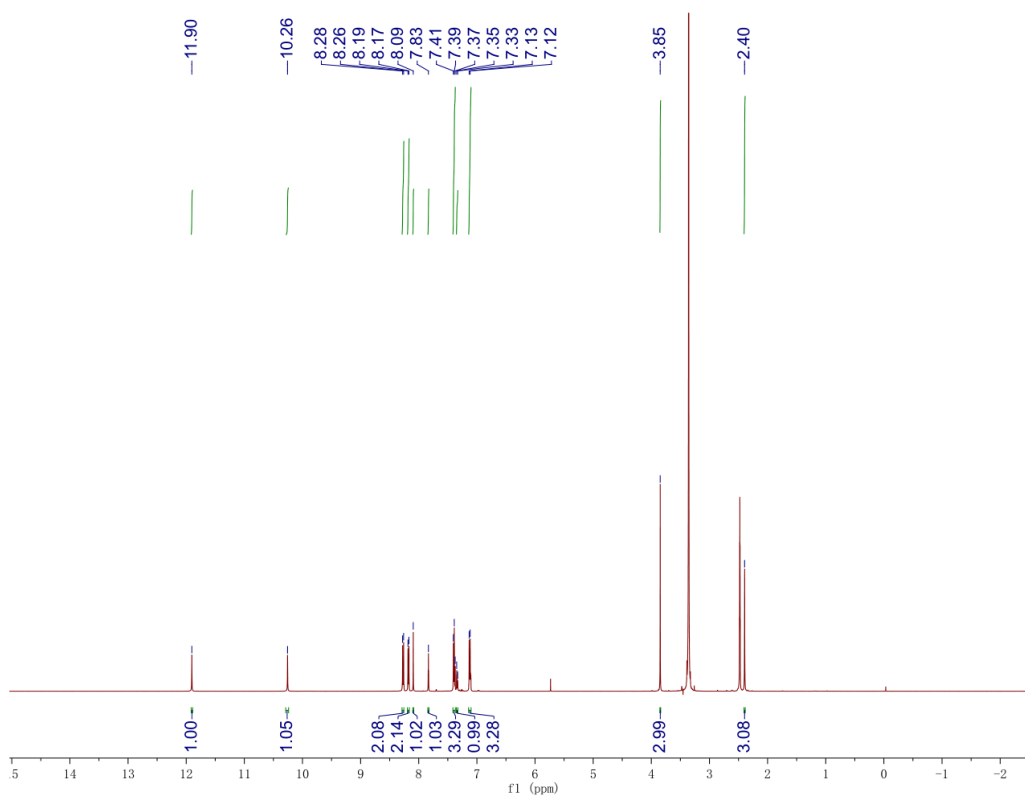


Figure S31 ^1H NMR Spectrum of the target compound **HD-11**

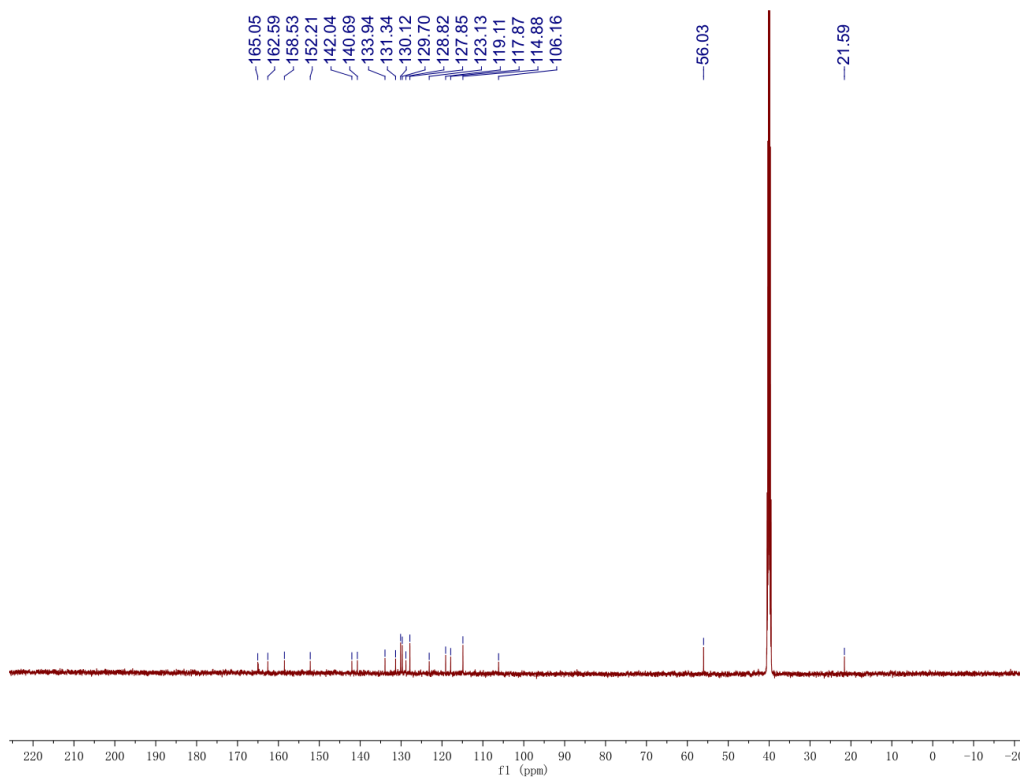


Figure S32 ^{13}C NMR Spectrum of the target compound **HD-11**

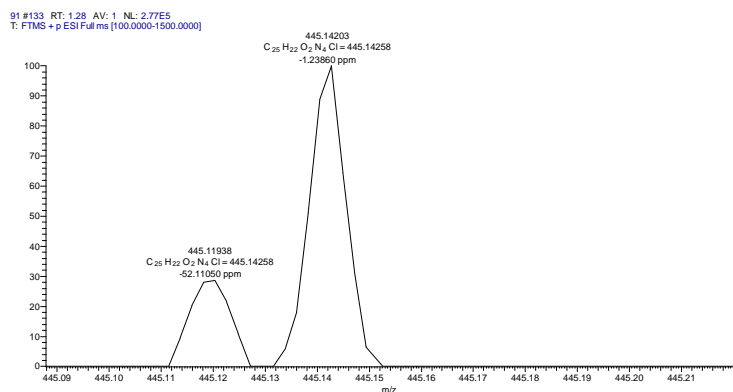


Figure S33 HRMS spectrum of the target compound **HD-11**

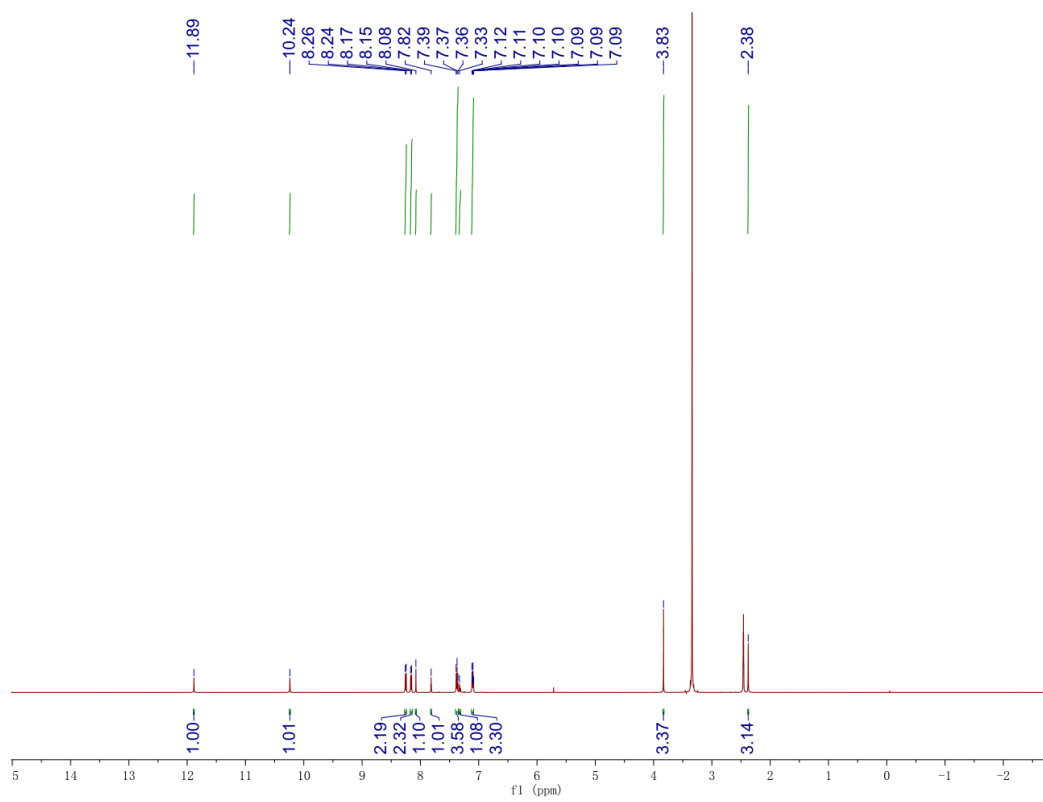


Figure S34 ¹H NMR Spectrum of the target compound **HD-12**

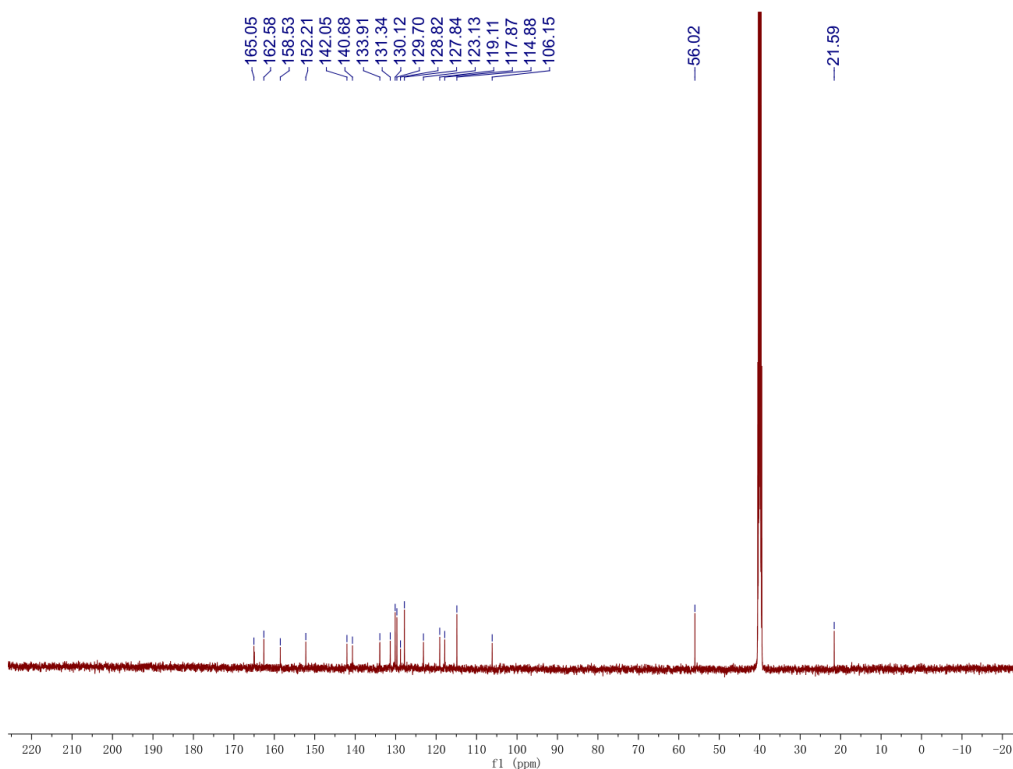


Figure S35 ^{13}C NMR Spectrum of the target compound **HD-12**

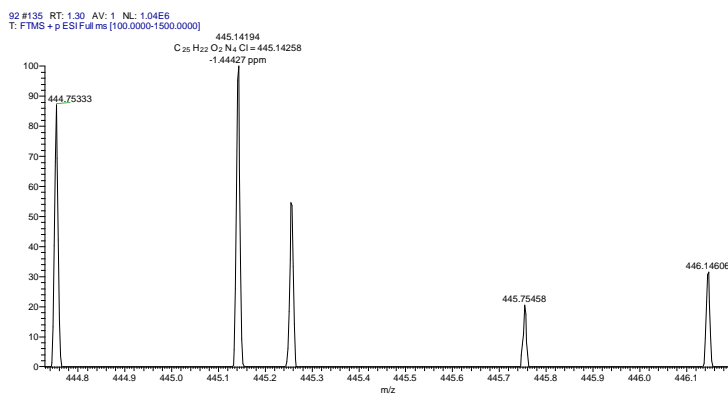


Figure S36 HRMS spectrum of the target compound **HD-12**

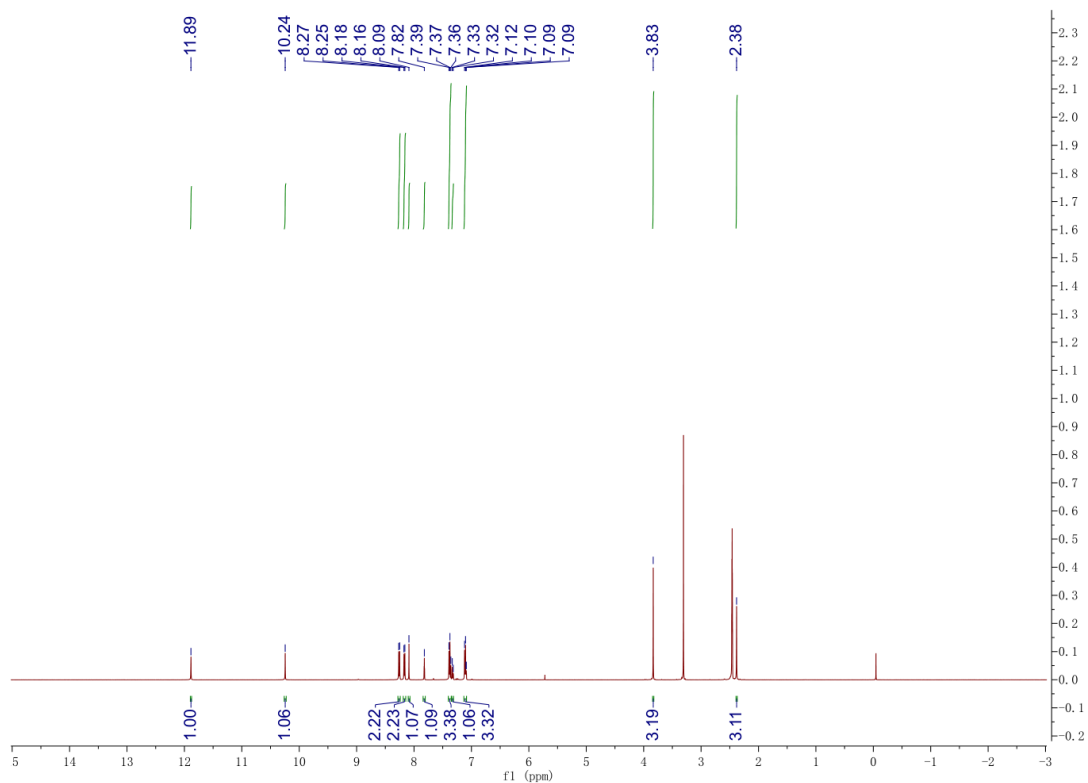


Figure S37 ^1H NMR Spectrum of the target compound **HD-13**

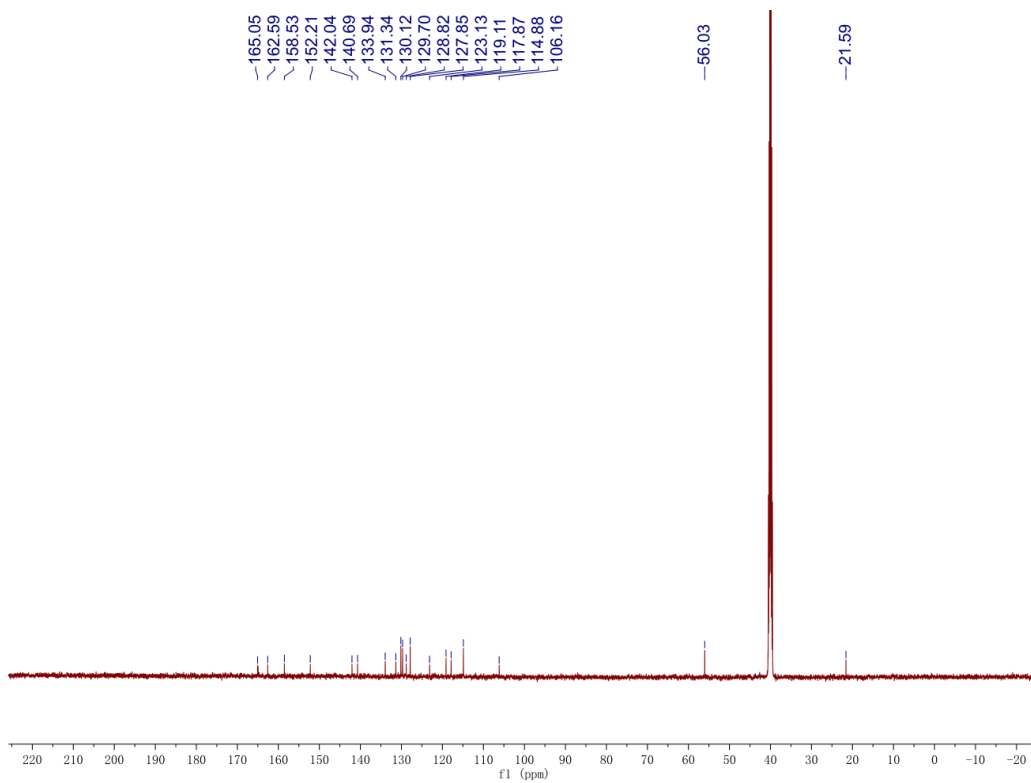


Figure S38 ^{13}C NMR Spectrum of the target compound **HD-13**

93 #133 RT: 1.28 AV: 1 NL: 3.58E5
T: FTMS + p ESI Full ms [100.0000-1500.0000]

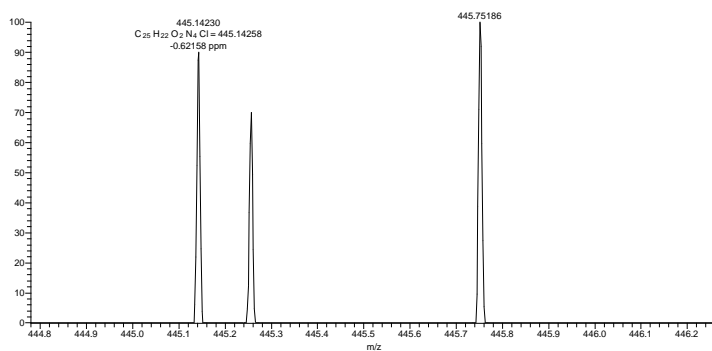


Figure S39 HRMS spectrum of the target compound **HD-13**

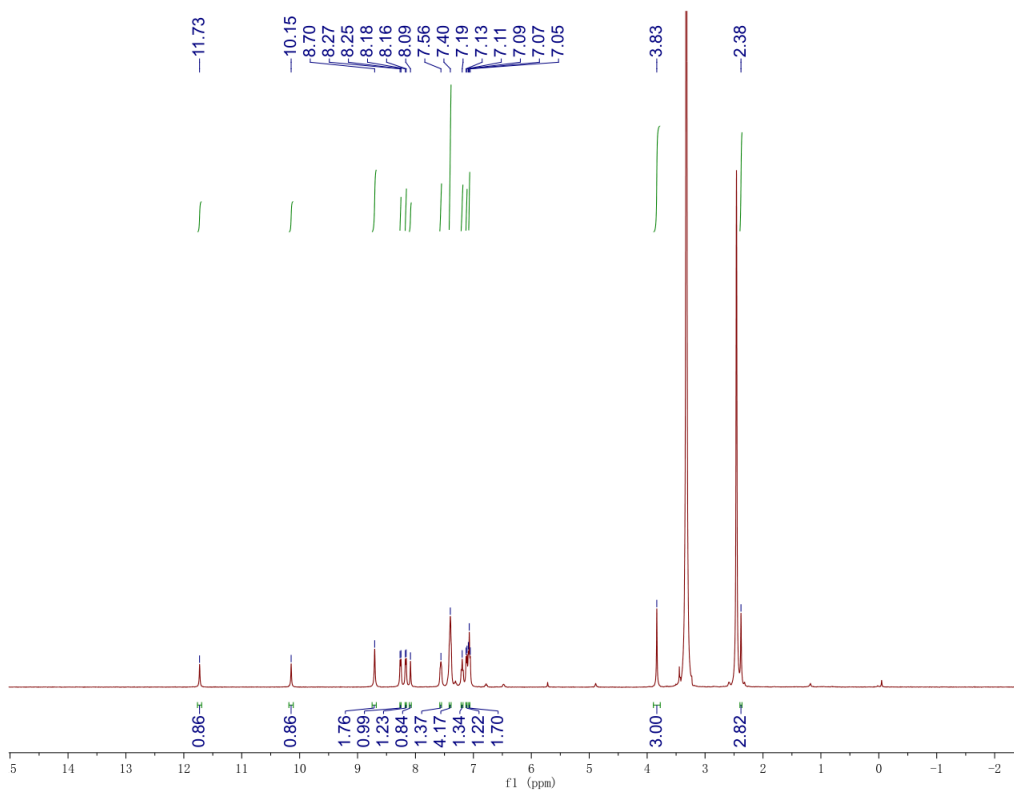


Figure S40 ¹H NMR Spectrum of the target compound **HD-14**

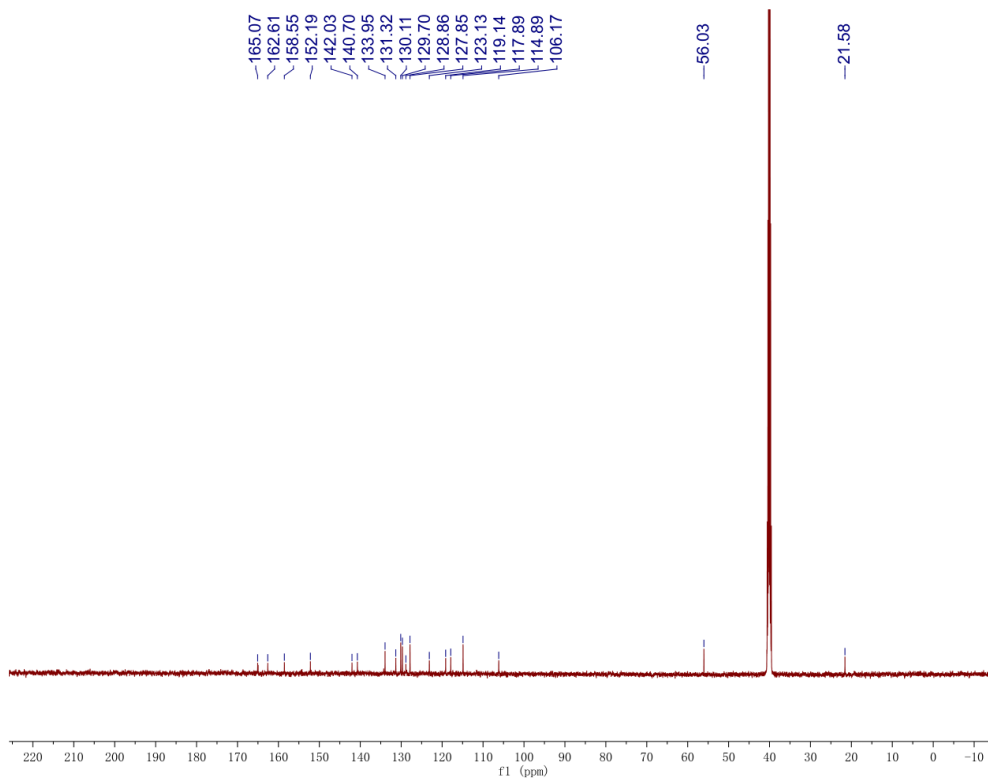


Figure S41 ^{13}C NMR Spectrum of the target compound **HD-14**

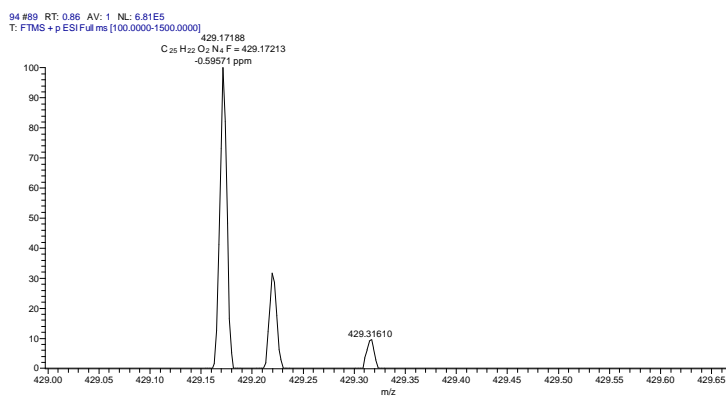


Figure S42 HRMS spectrum of the target compound **HD-14**

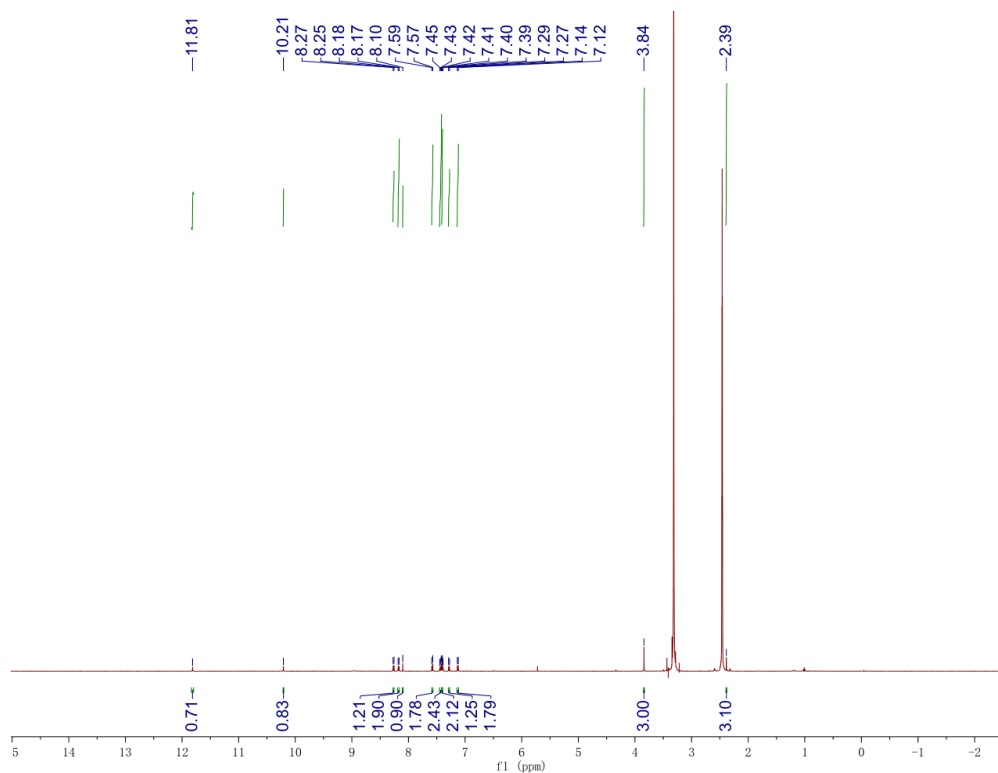


Figure S43 ^1H NMR Spectrum of the target compound **HD-15**

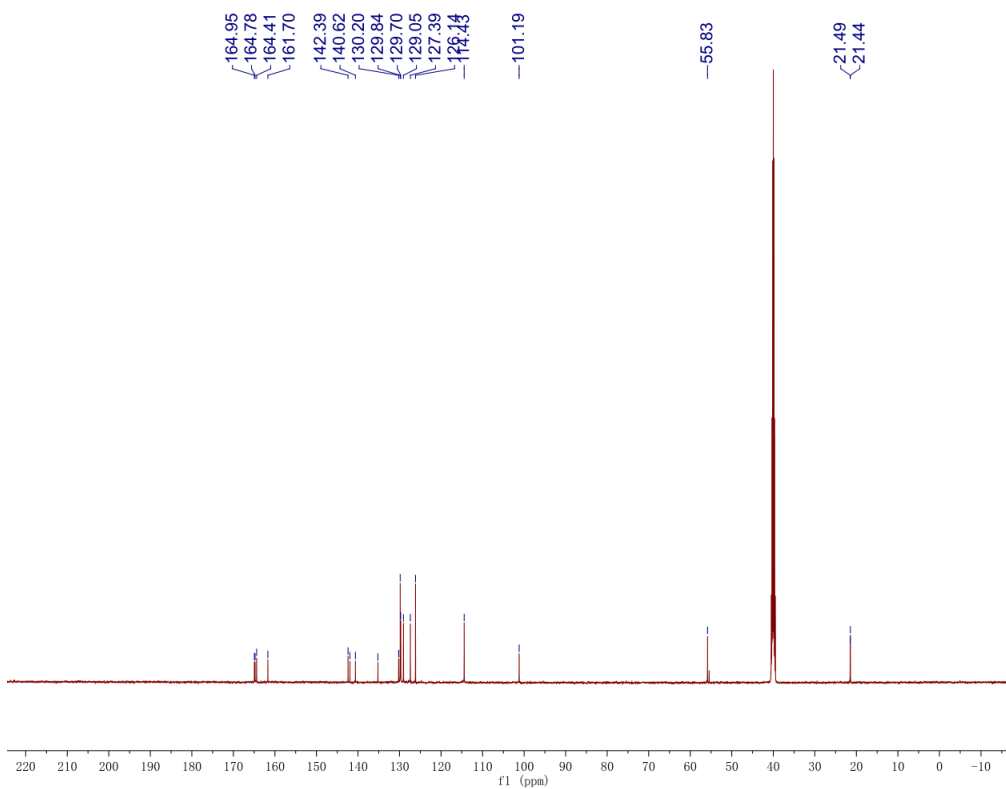


Figure S44 ^{13}C NMR Spectrum of the target compound **HD-15**

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T: FTMS - p ESI Fullms [100.0000-1500.0000]

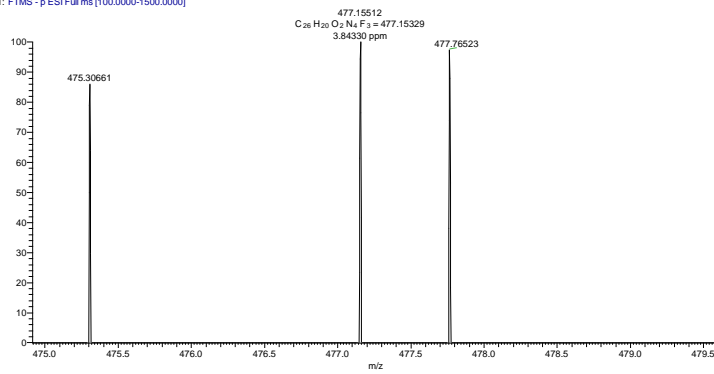


Figure S45 HRMS spectrum of the target compound **HD-15**

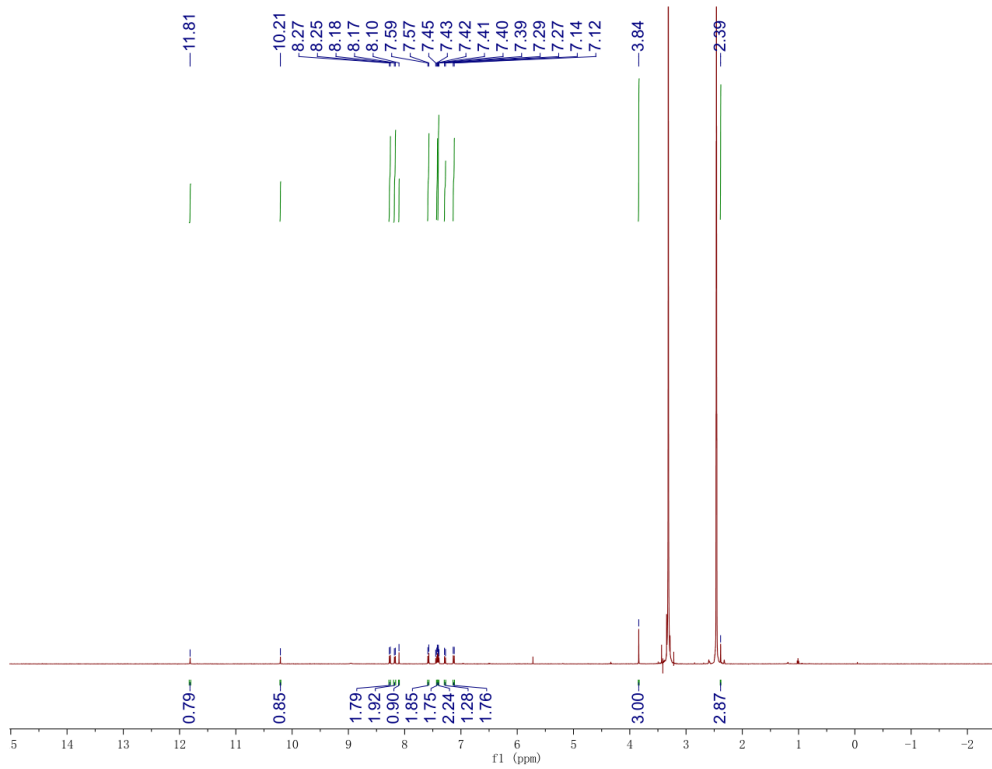


Figure S46 ¹H NMR Spectrum of the target compound **HD-16**

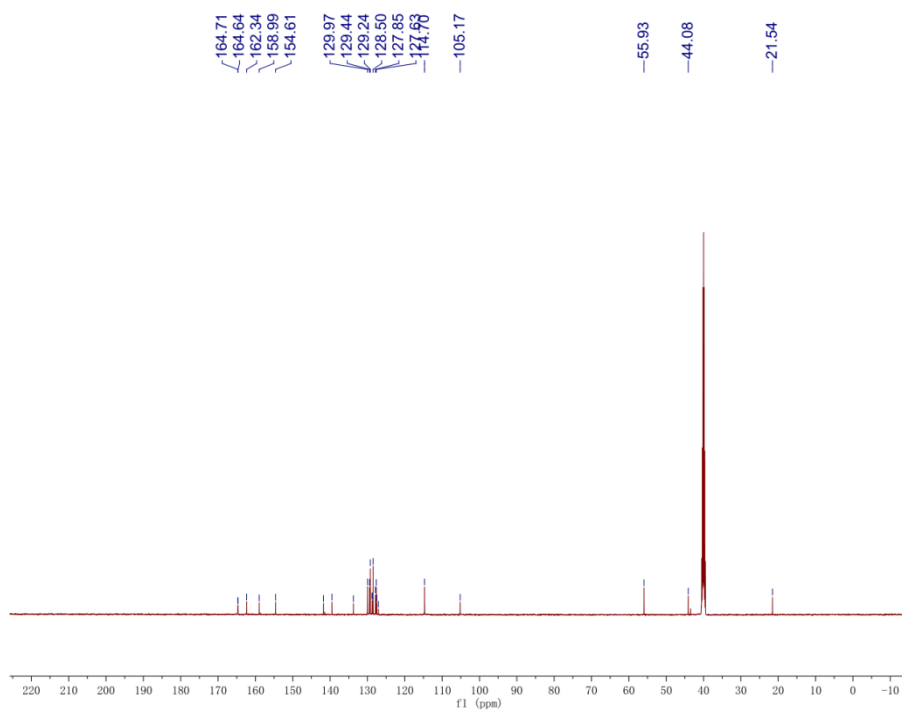


Figure S47 ^{13}C NMR Spectrum of the target compound **HD-16**

96 #258-342 RT: 2.49-3.30 AV: 85 NL: 3.06E5
T: FTMS -p ESI Full ms [100.0000-1500.0000]

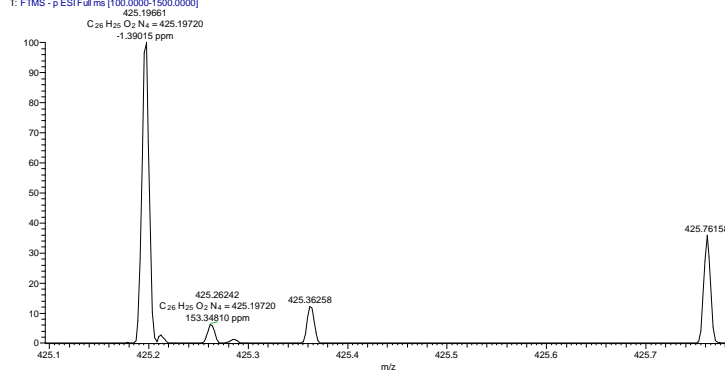


Figure S48 HRMS spectrum of the target compound **HD-16**

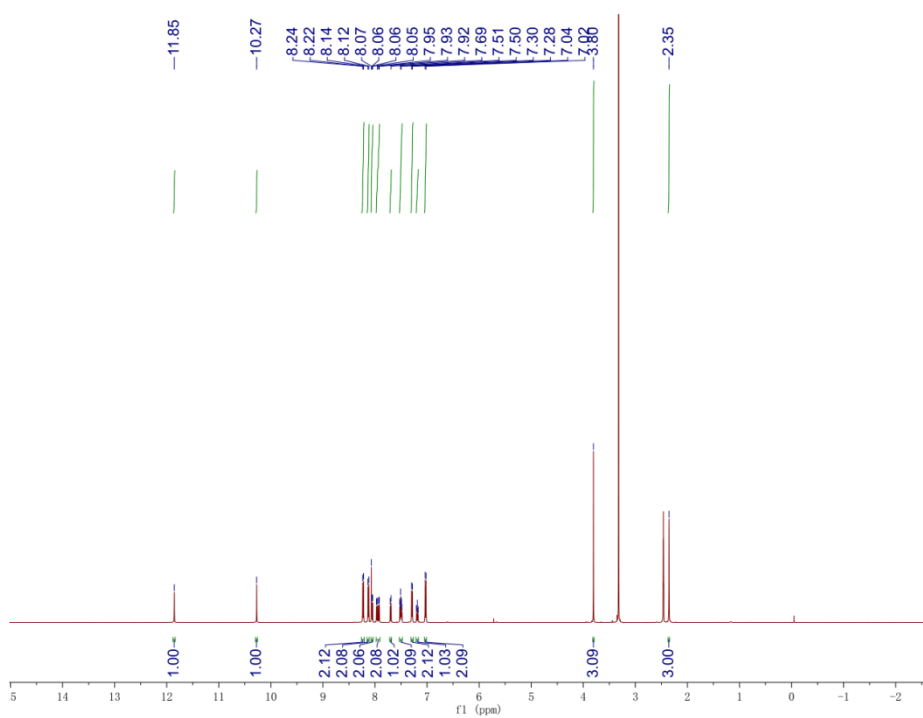


Figure S49 ^1H NMR Spectrum of the target compound **HD-17**

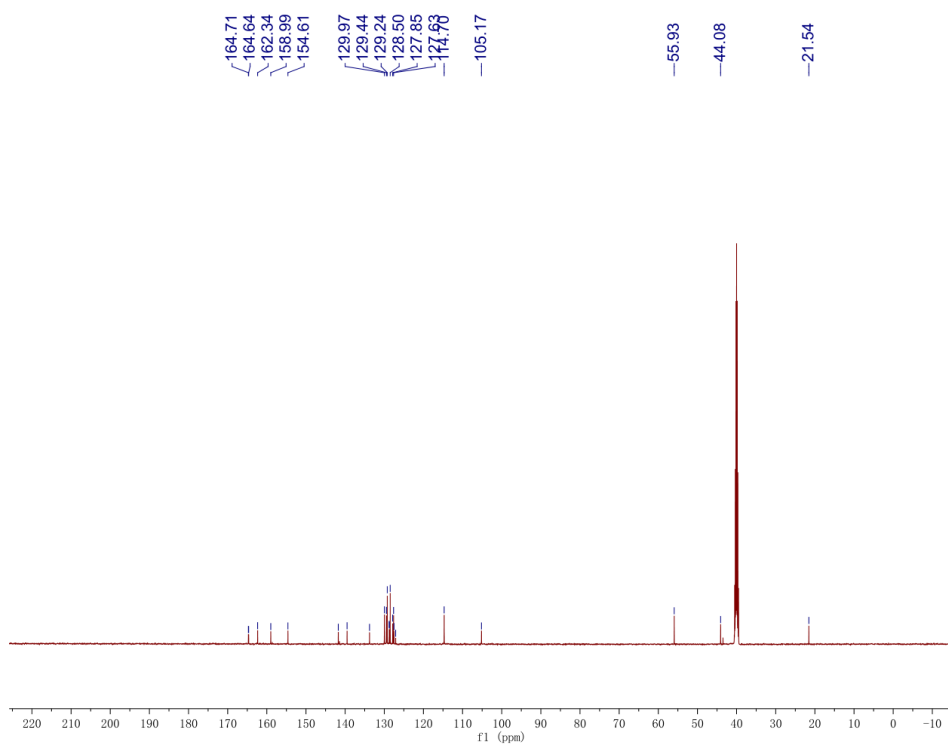


Figure S50 ^{13}C NMR Spectrum of the target compound **HD-17**

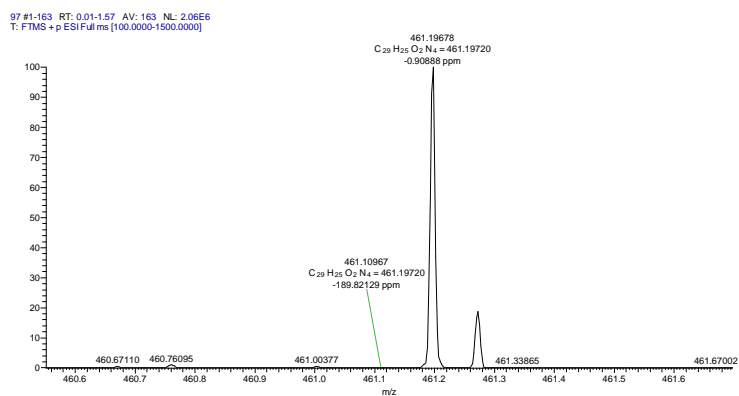


Figure S51 HRMS spectrum of the target compound **HD-17**