

Molecules

MATERIAL SUPPLEMENTAR
For

Novel Meta-Diamide Compounds Containing Sulfide Derivatives Were Designed and Synthesized as Potential Pesticides

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¹H NMR, ¹³C NMR and HRMS spectra for target compounds

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A-1

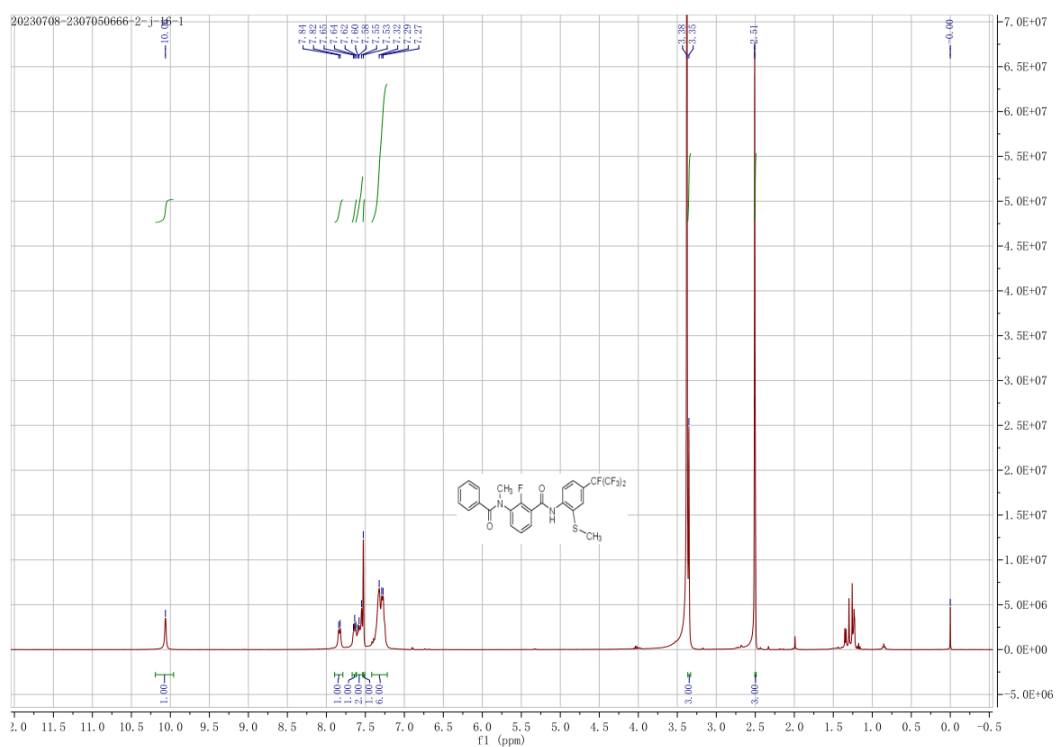


Figure 1S ^1H NMR spectrum of A-1

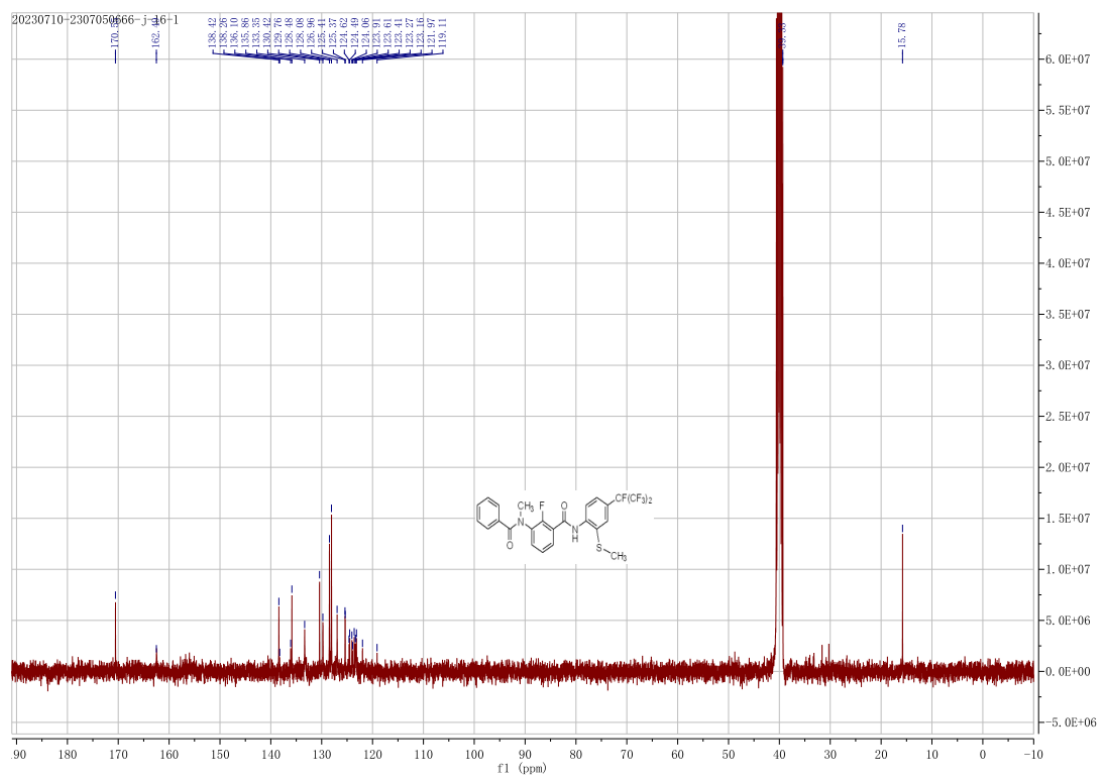


Figure 2S ^{13}C NMR spectrum of A-1

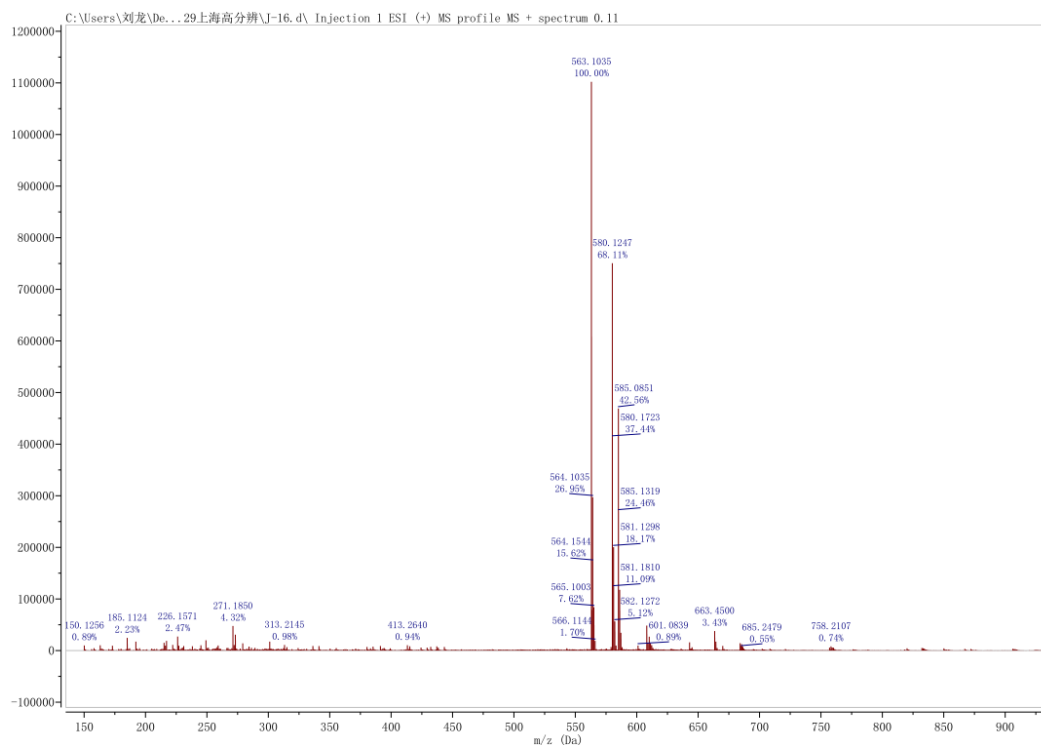


Figure 3S HRMS spectrum of **A-1**

A-2

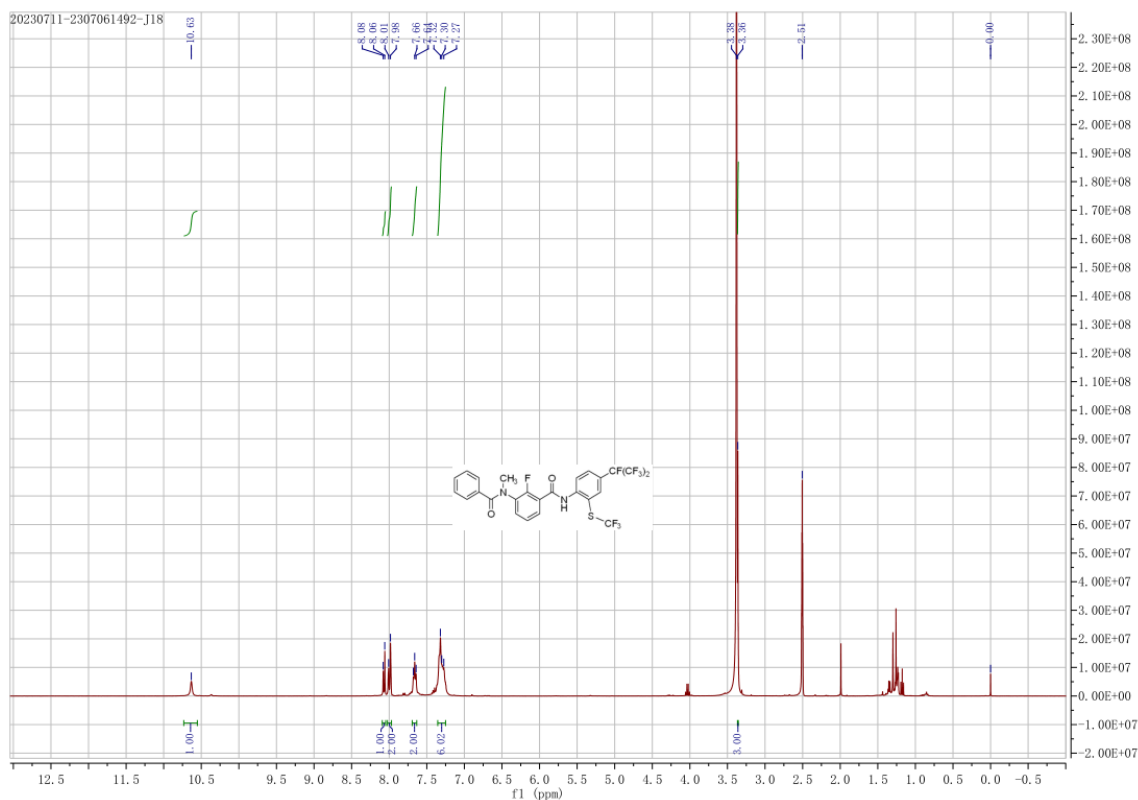


Figure 4S ^1H NMR spectrum of **A-2**

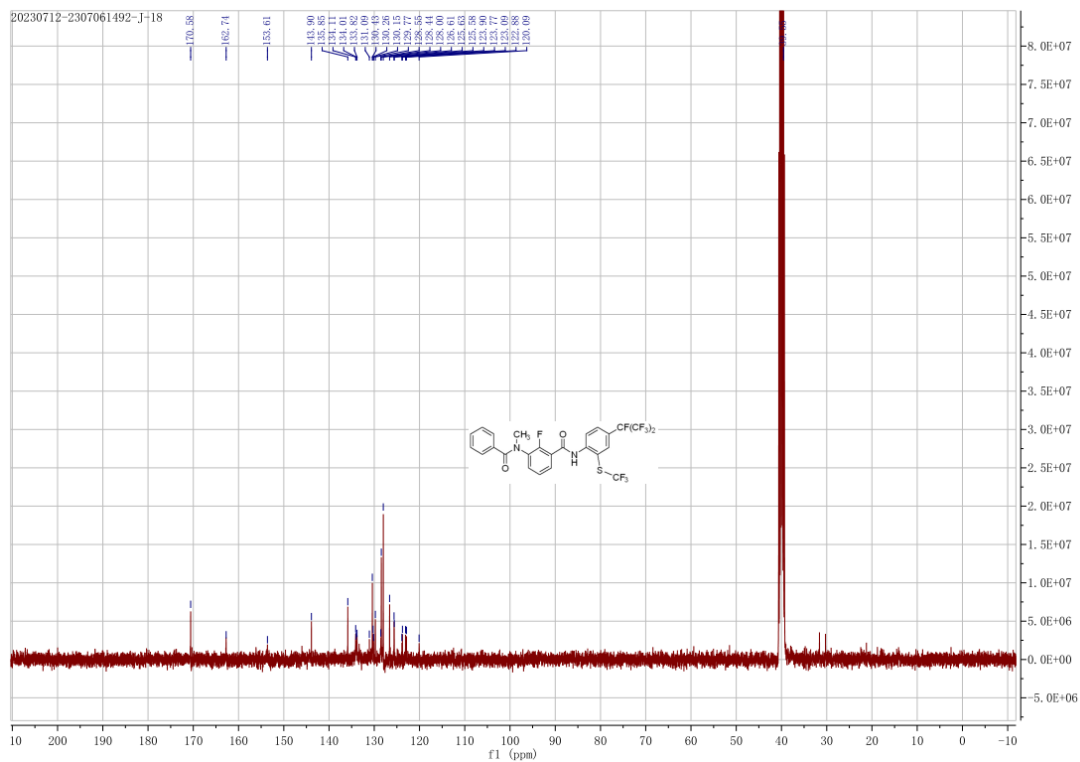


Figure 5S ^{13}C NMR spectrum of A-2

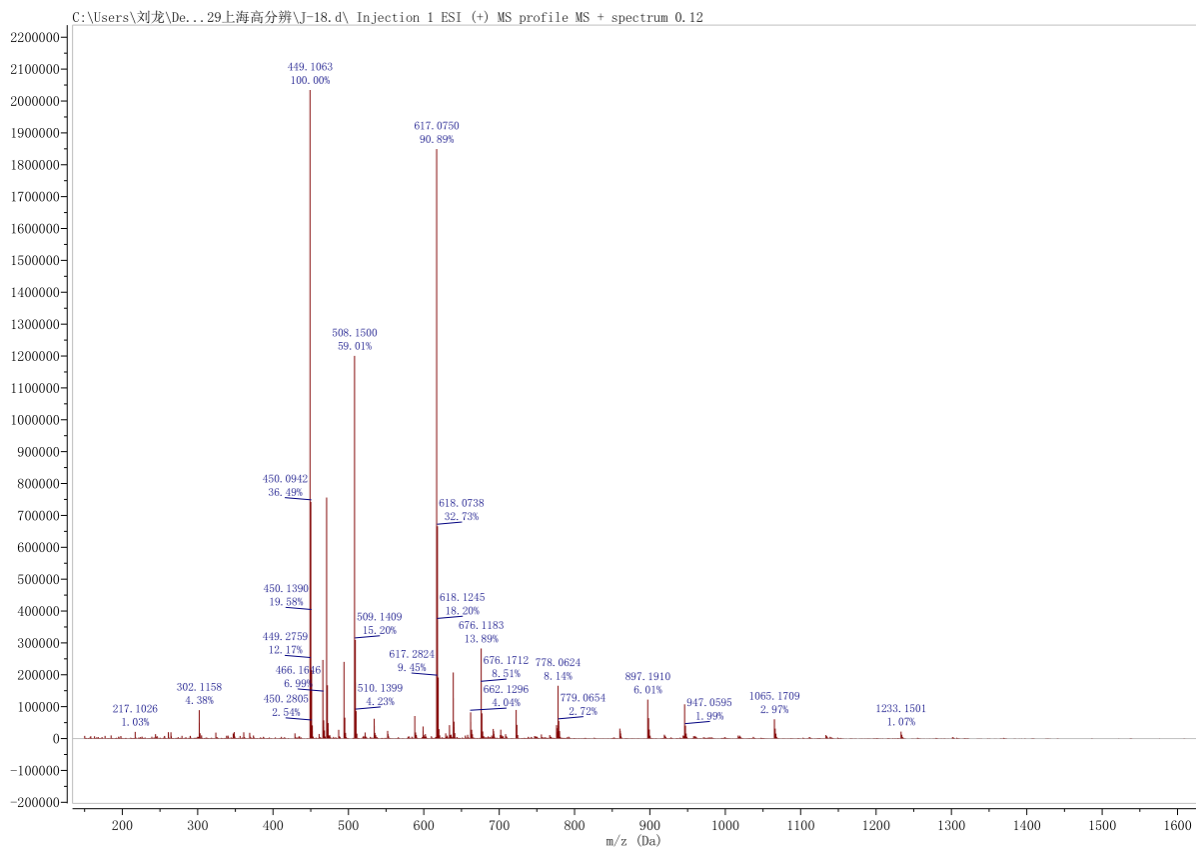


Figure 6S HRMS spectrum of A-2

A-3

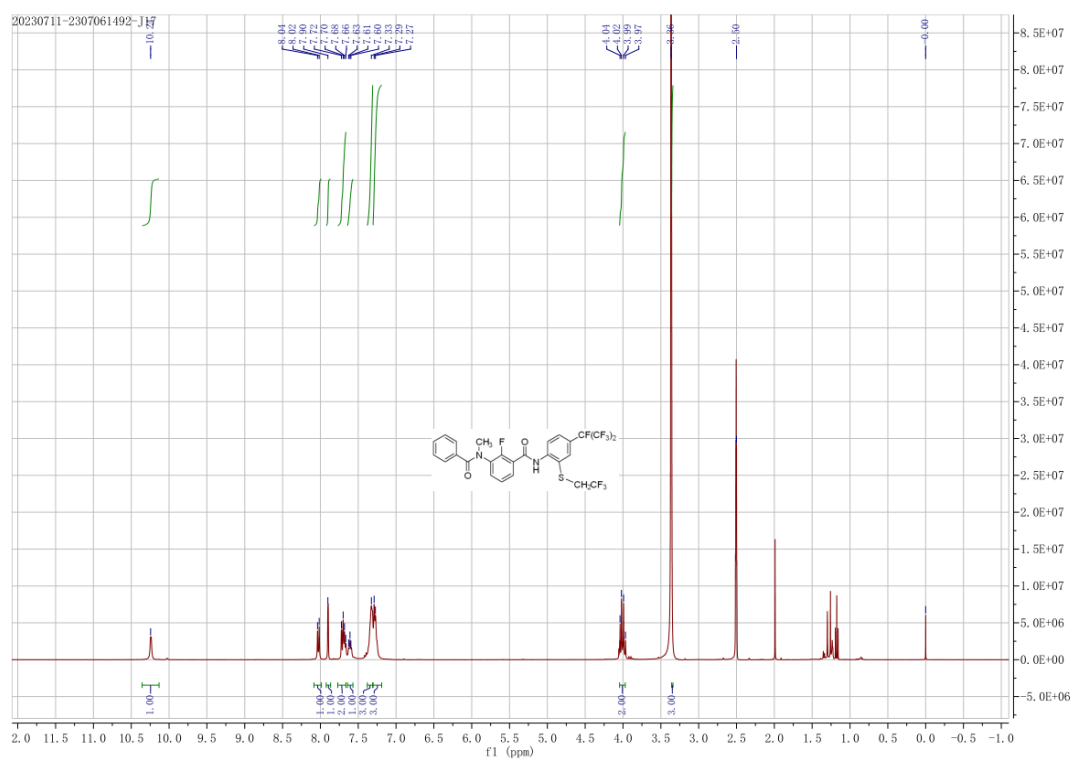


Figure 7S ^1H NMR spectrum of A-3

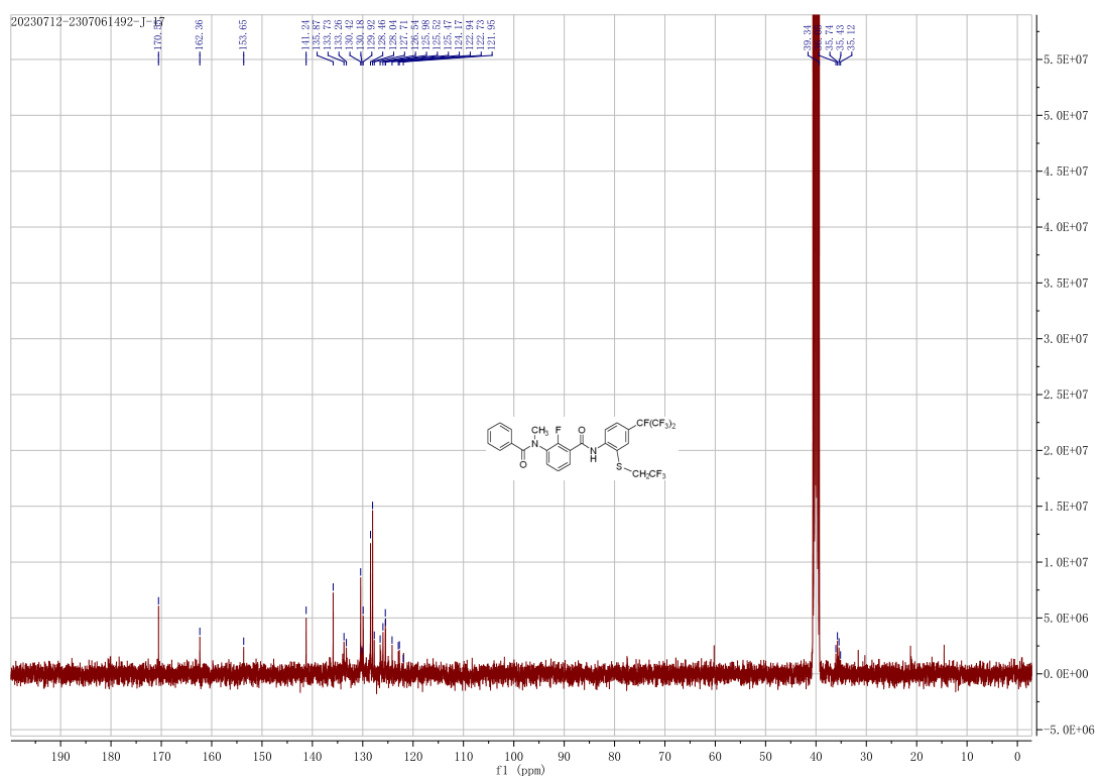


Figure 8S ^{13}C NMR spectrum of A-3

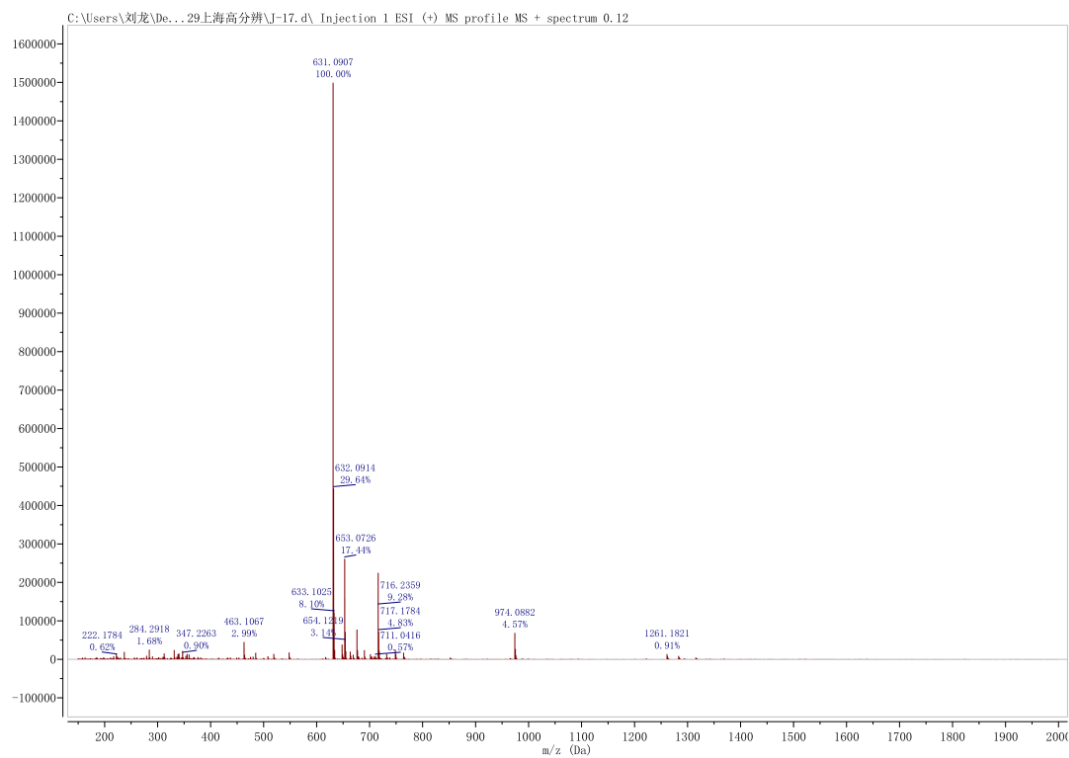


Figure 9S HRMS spectrum of **A-3**

B-1

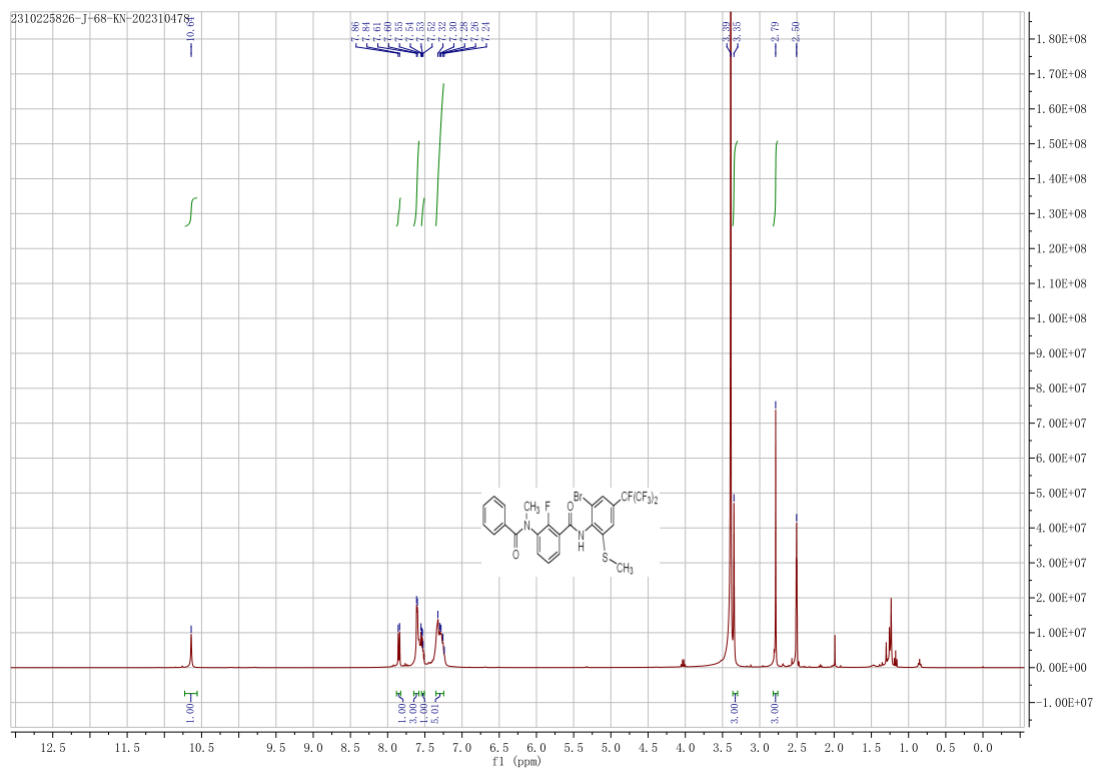
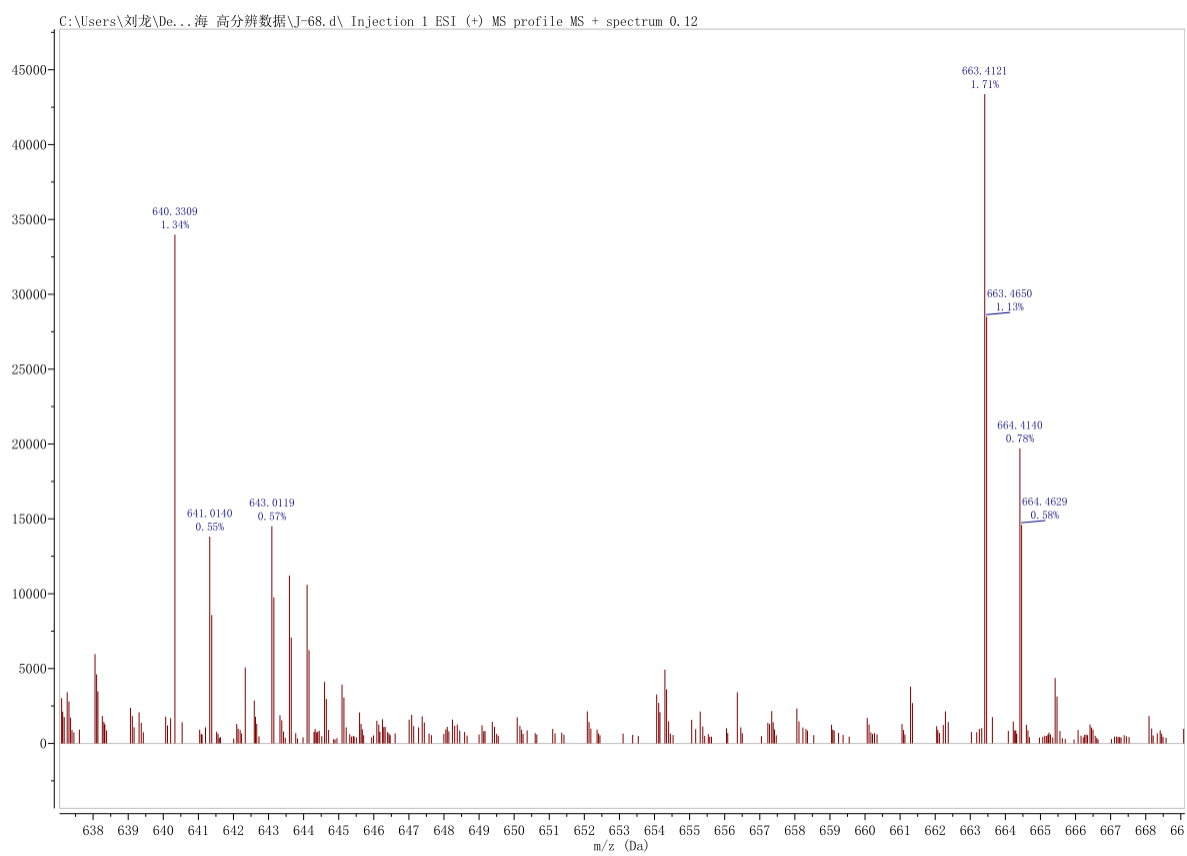
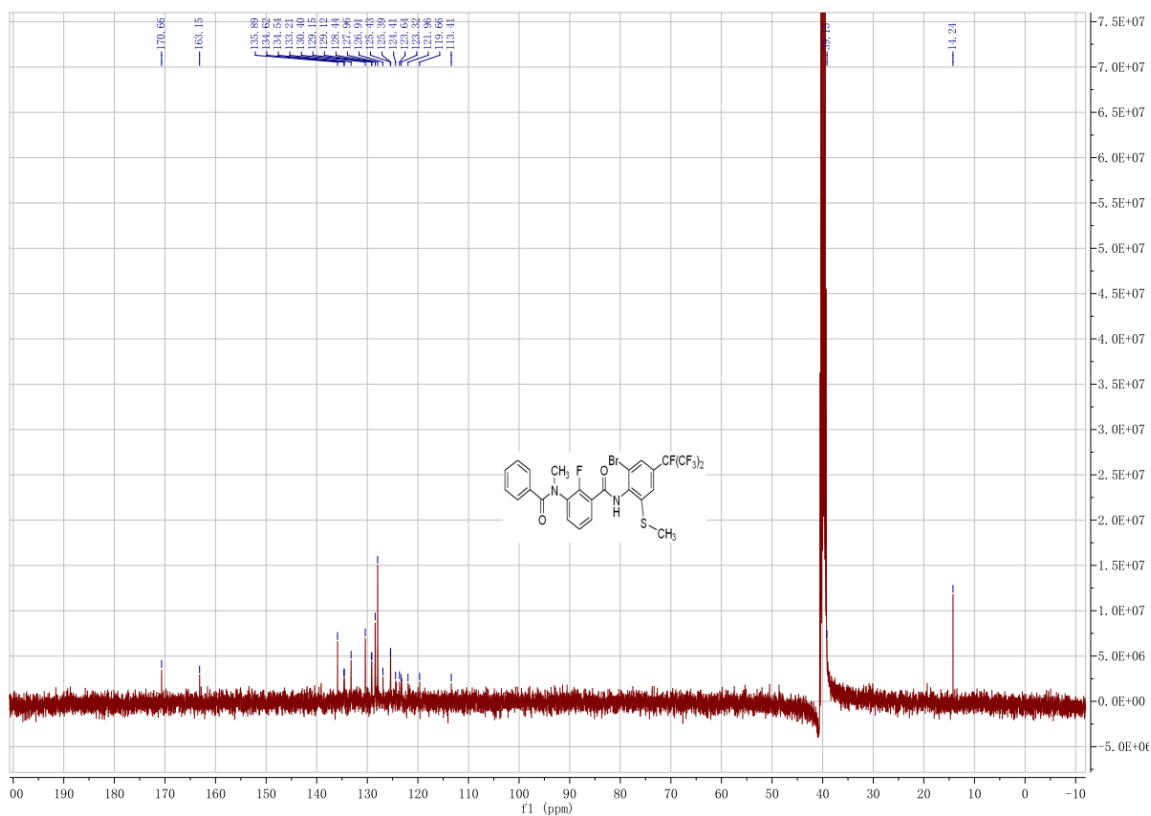


Figure 10S ^1H NMR spectrum of **B-1**



B-2

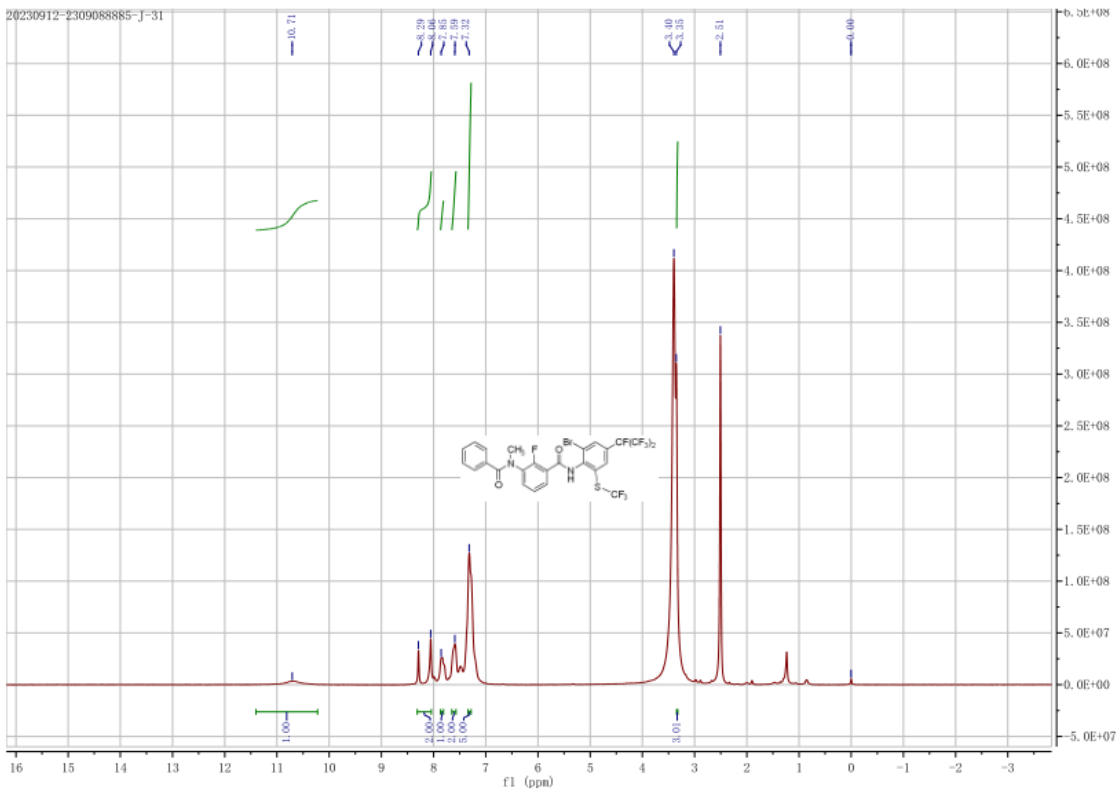


Figure 13S ^1H NMR spectrum of **B-2**

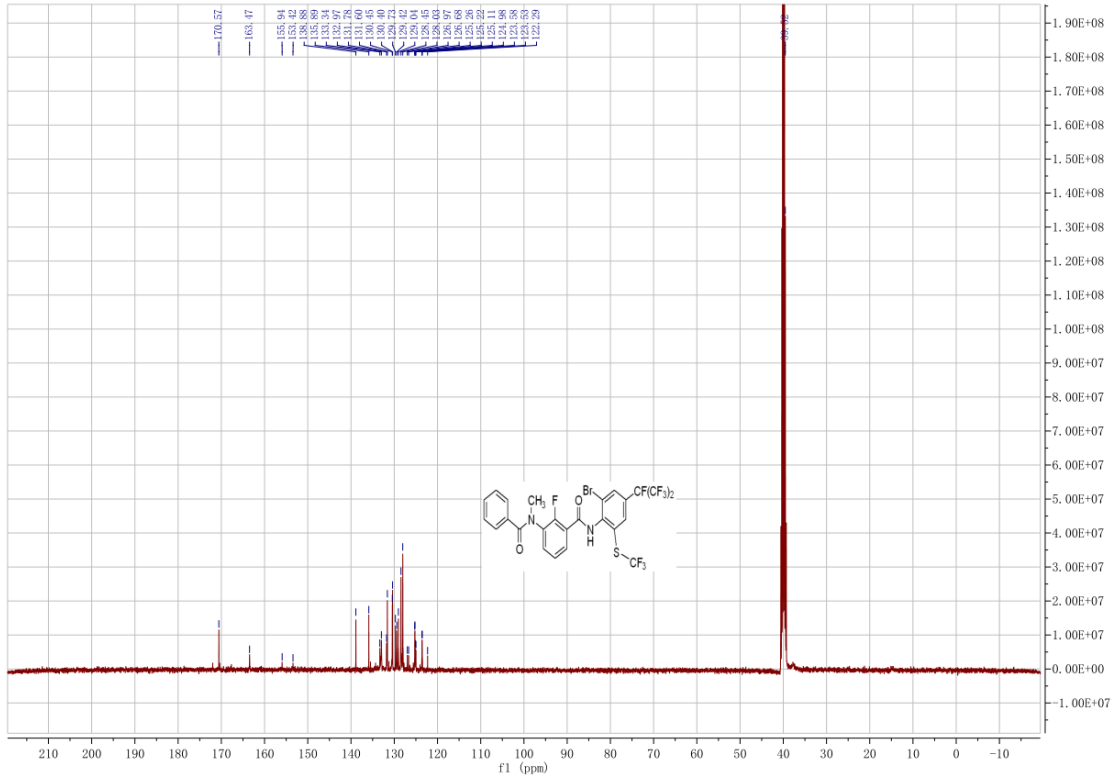


Figure 14S ^{13}C NMR spectrum of **B-2**

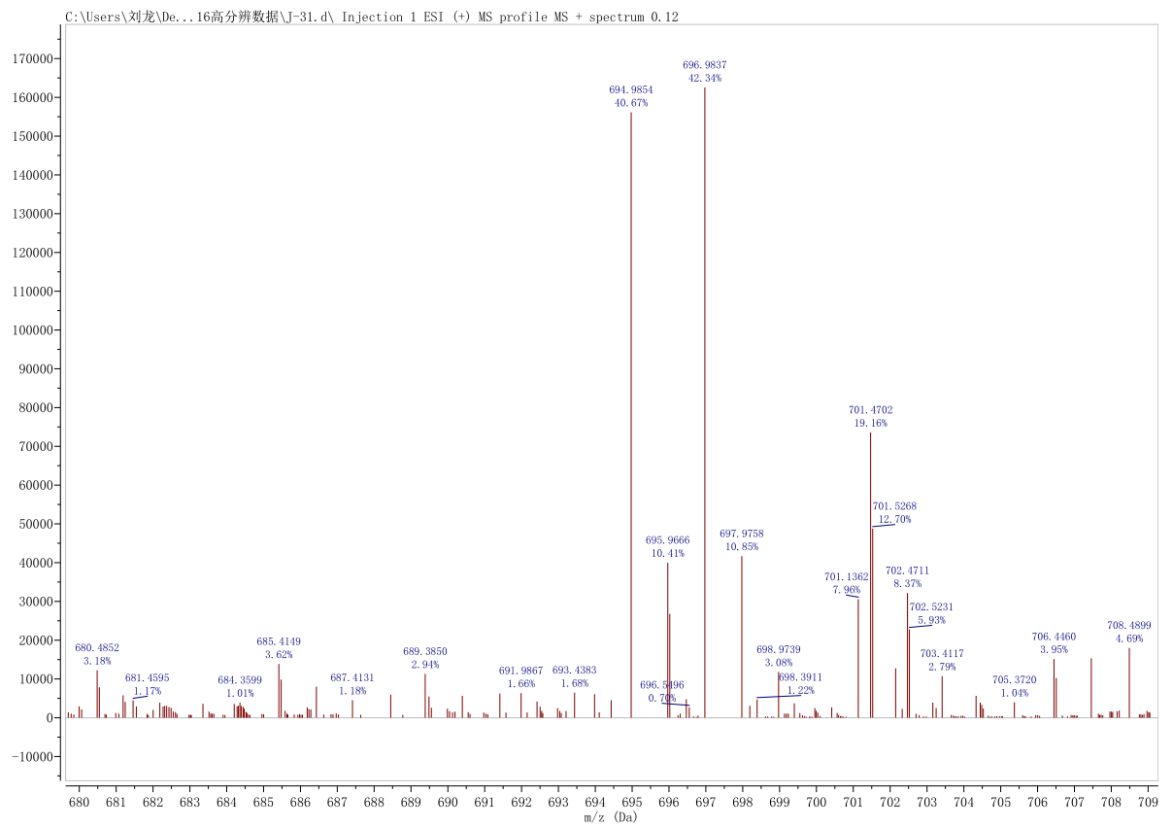


Figure 15S HRMS spectrum of **B-2**

B-3

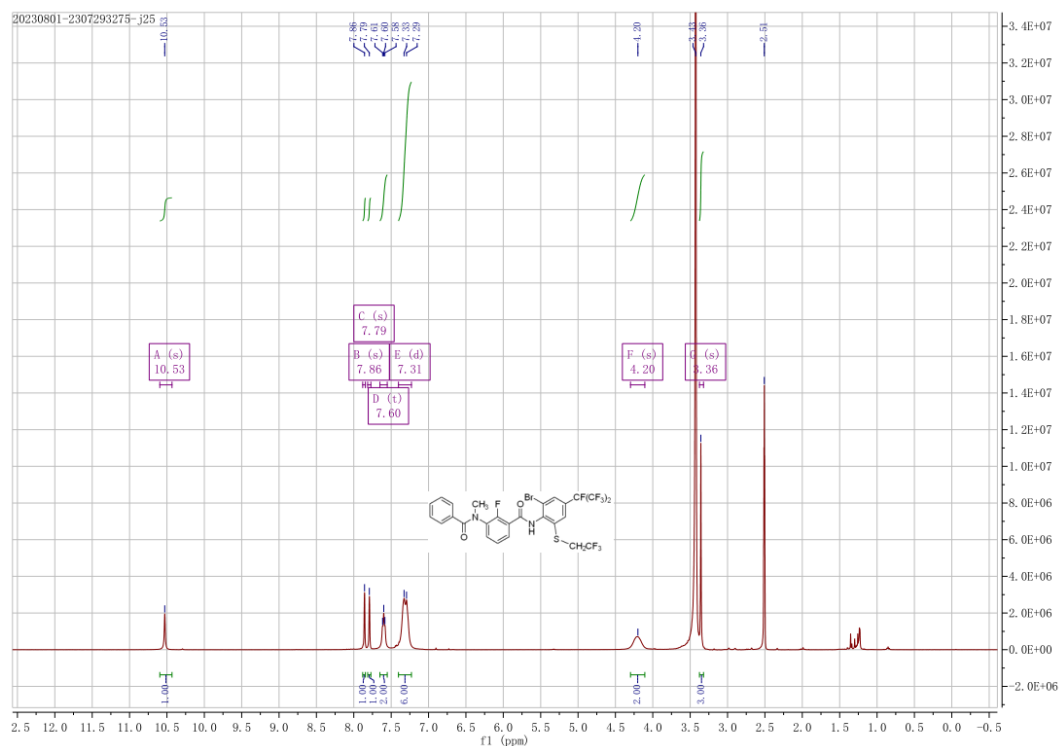


Figure 16S ^1H NMR spectrum of **B-3**

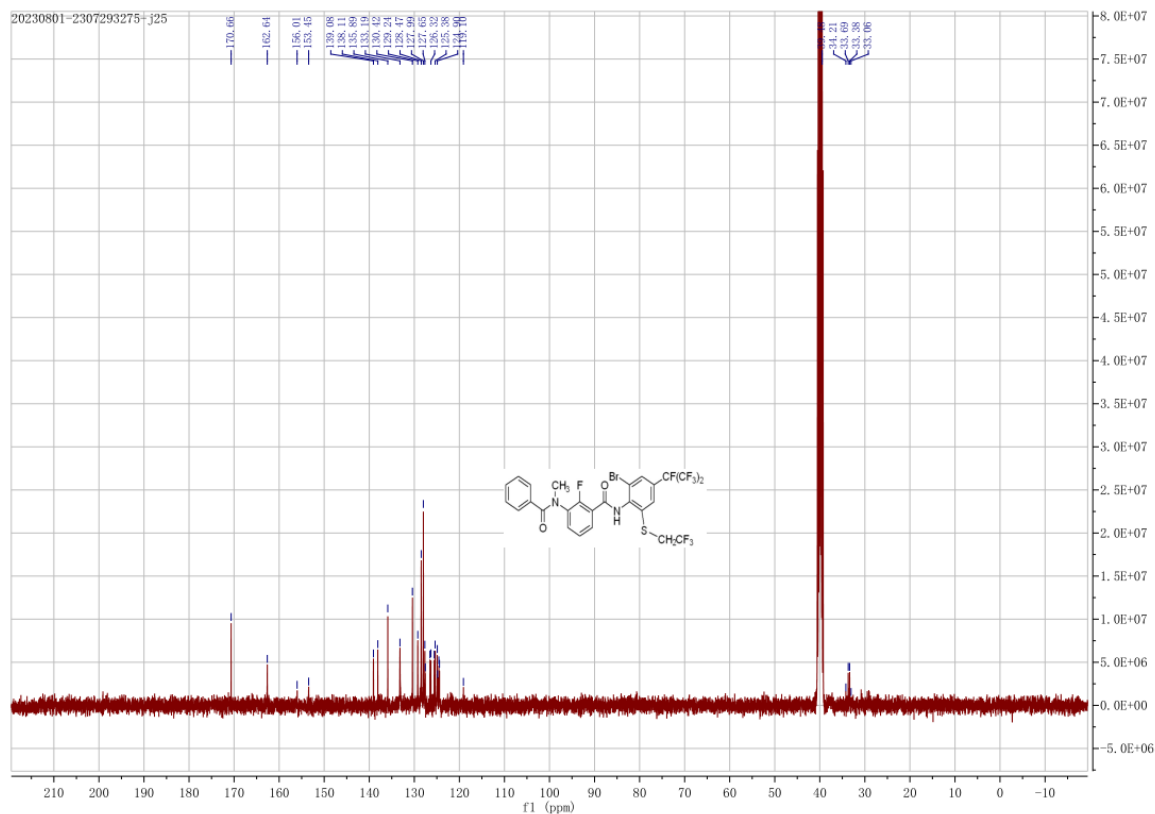


Figure 17S ^{13}C NMR spectrum of **B-3**

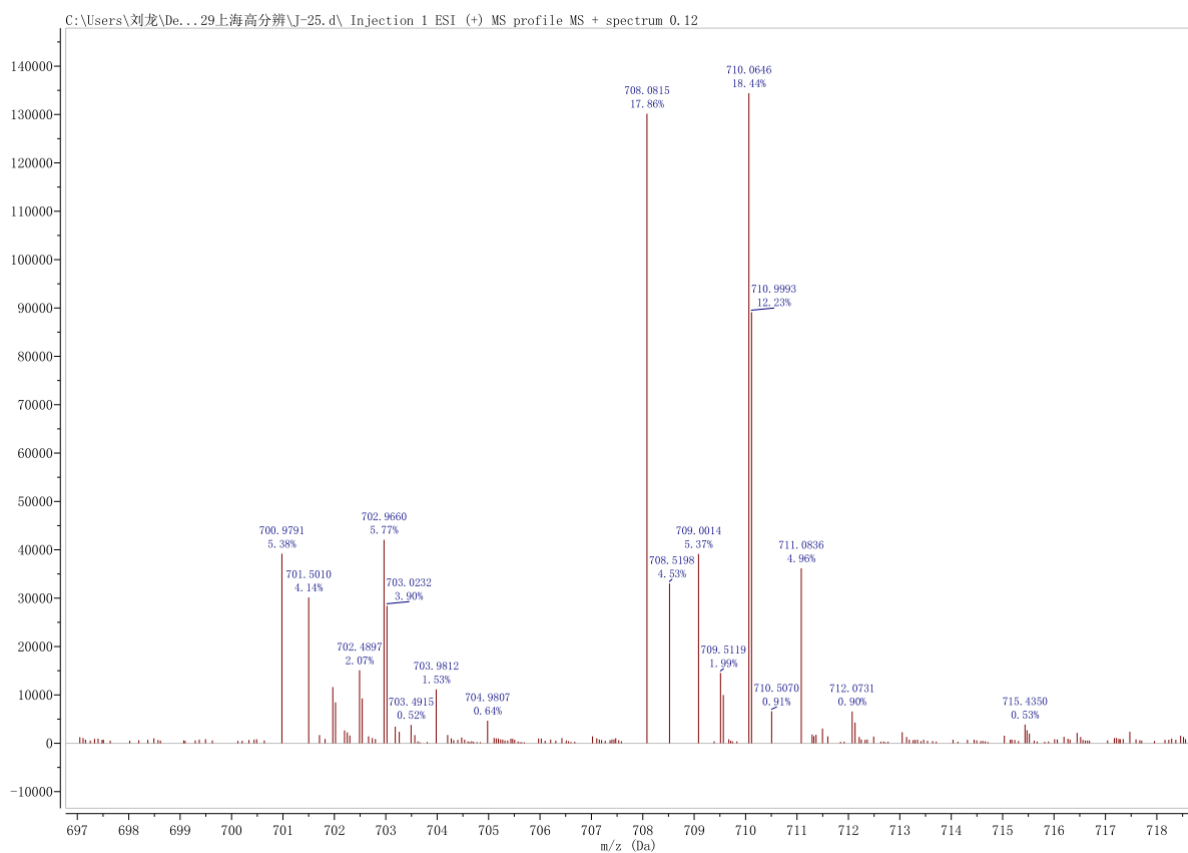


Figure 18S HRMS spectrum of **B-3**

C-1

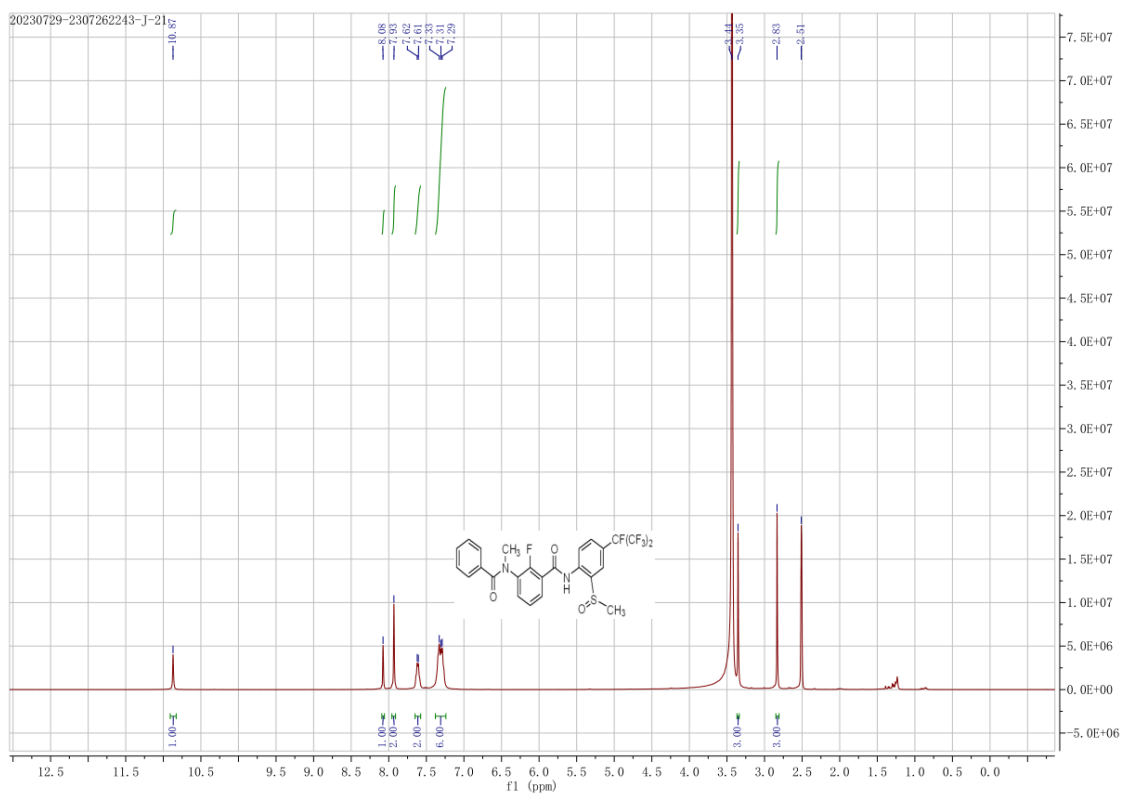


Figure 19S ¹H NMR spectrum of **C-1**

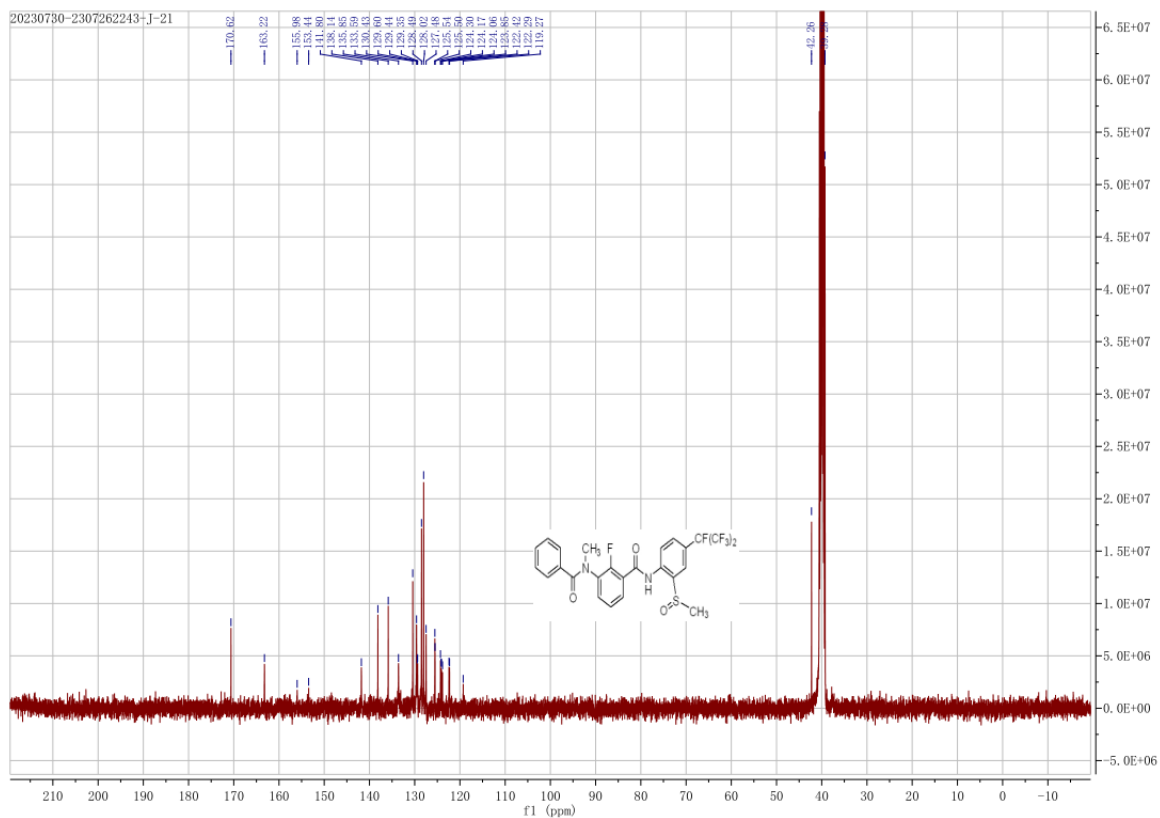


Figure 20S ¹³C NMR spectrum of **C-1**

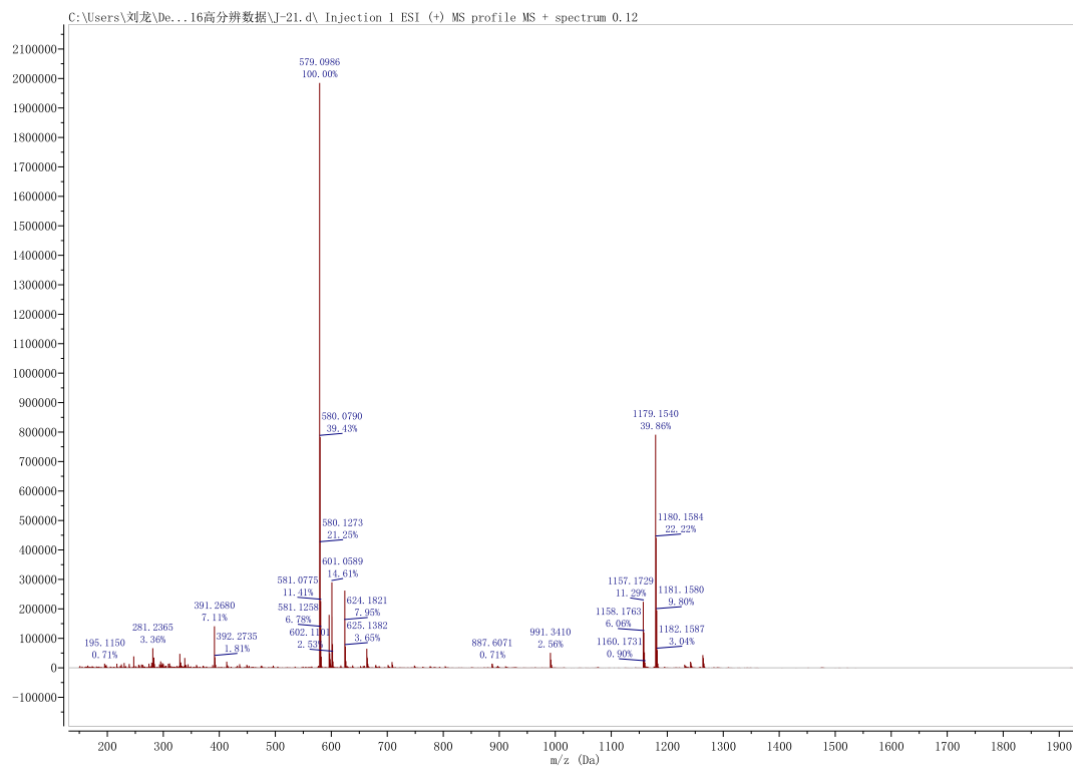


Figure 21S HRMS spectrum of **C-1**

C-2

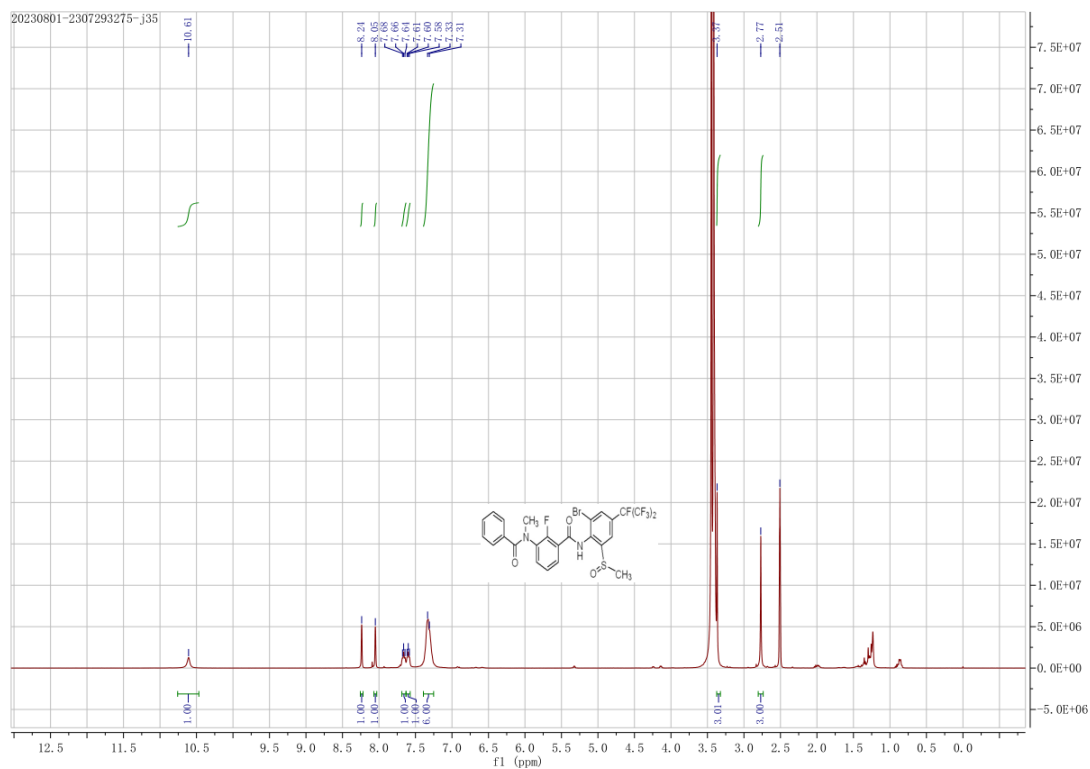


Figure 22S ^1H NMR spectrum of **C-2**

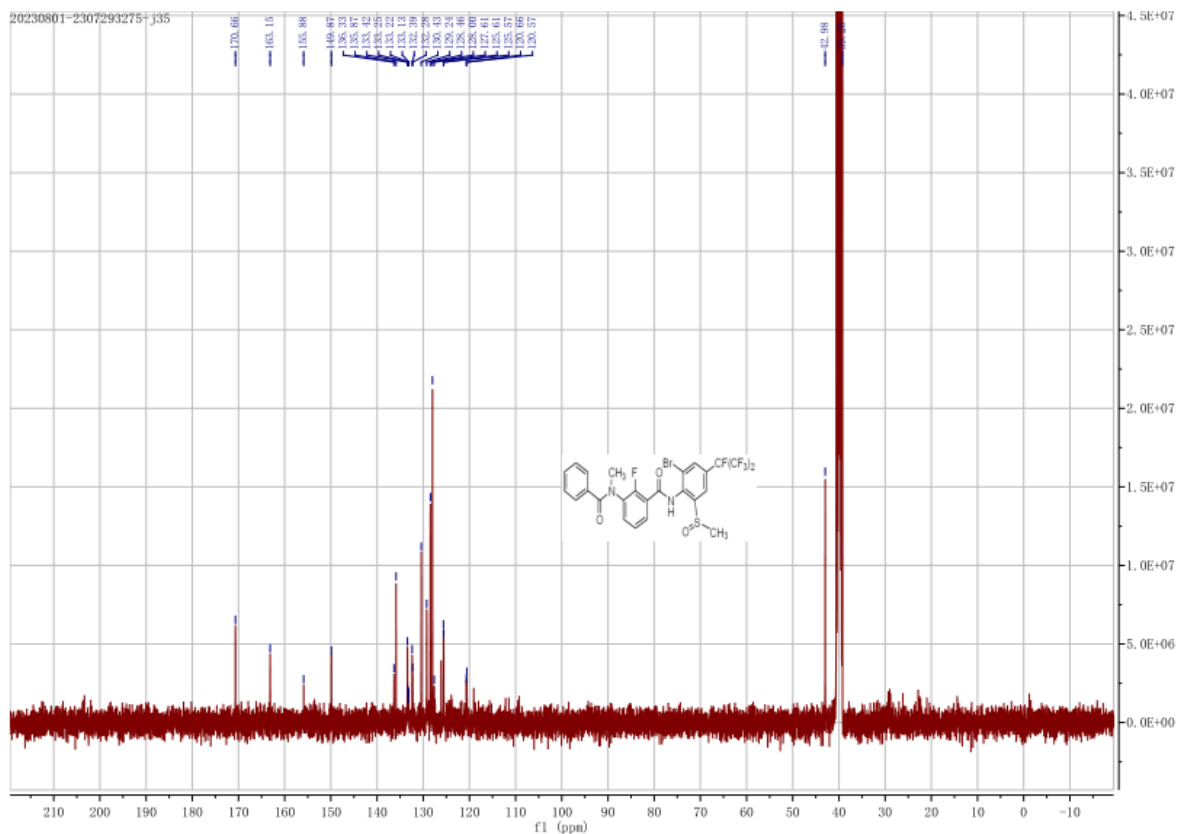


Figure 23S ^{13}C NMR spectrum of C-2

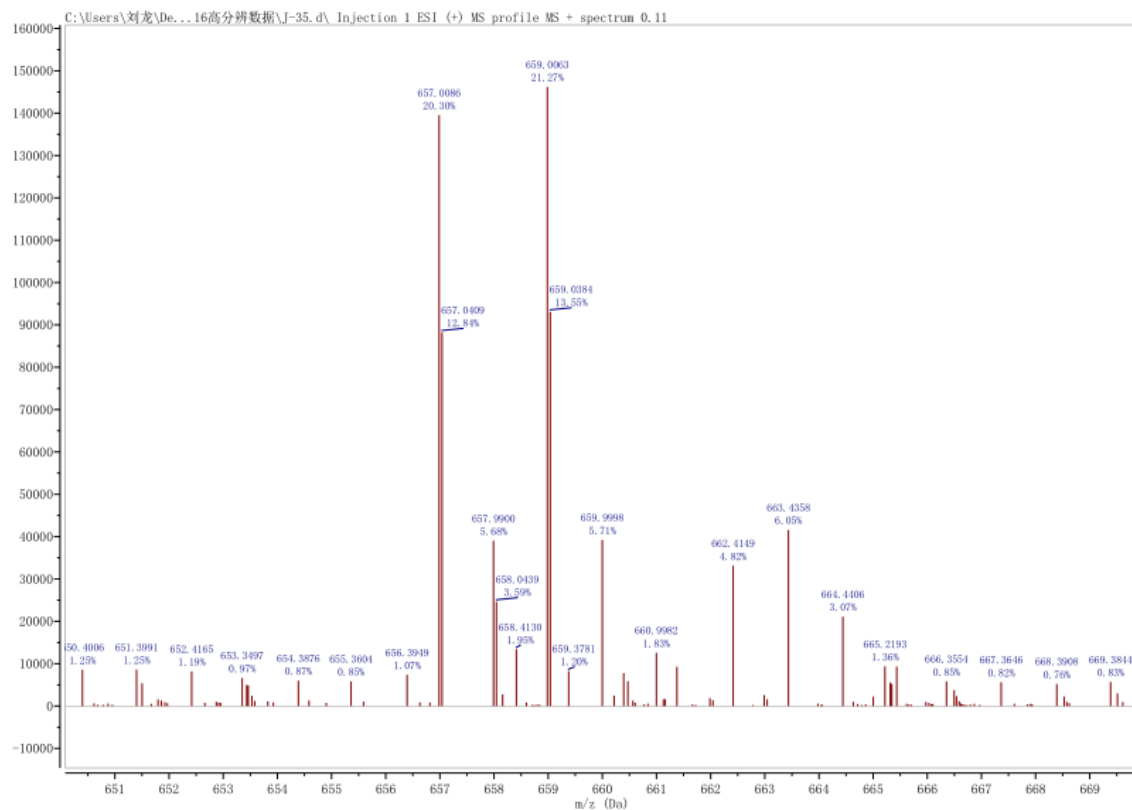


Figure 24 S HRMS spectrum of C-2

C-3

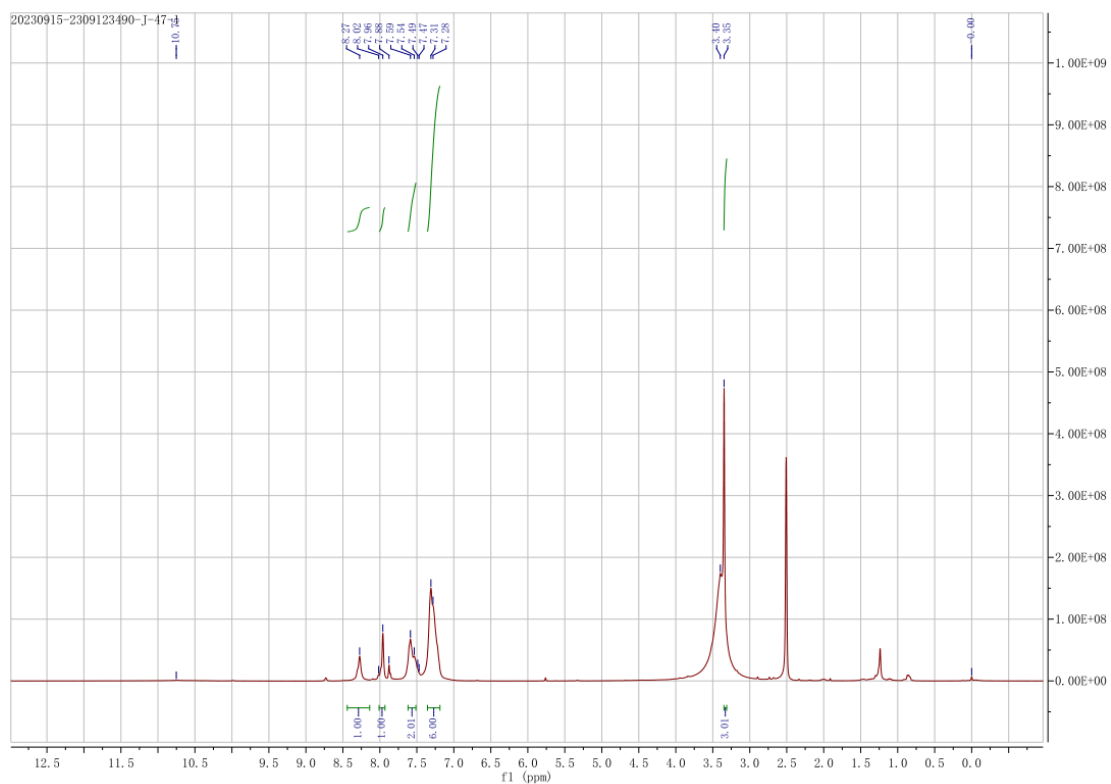


Figure 25S ^1H NMR spectrum of C-3

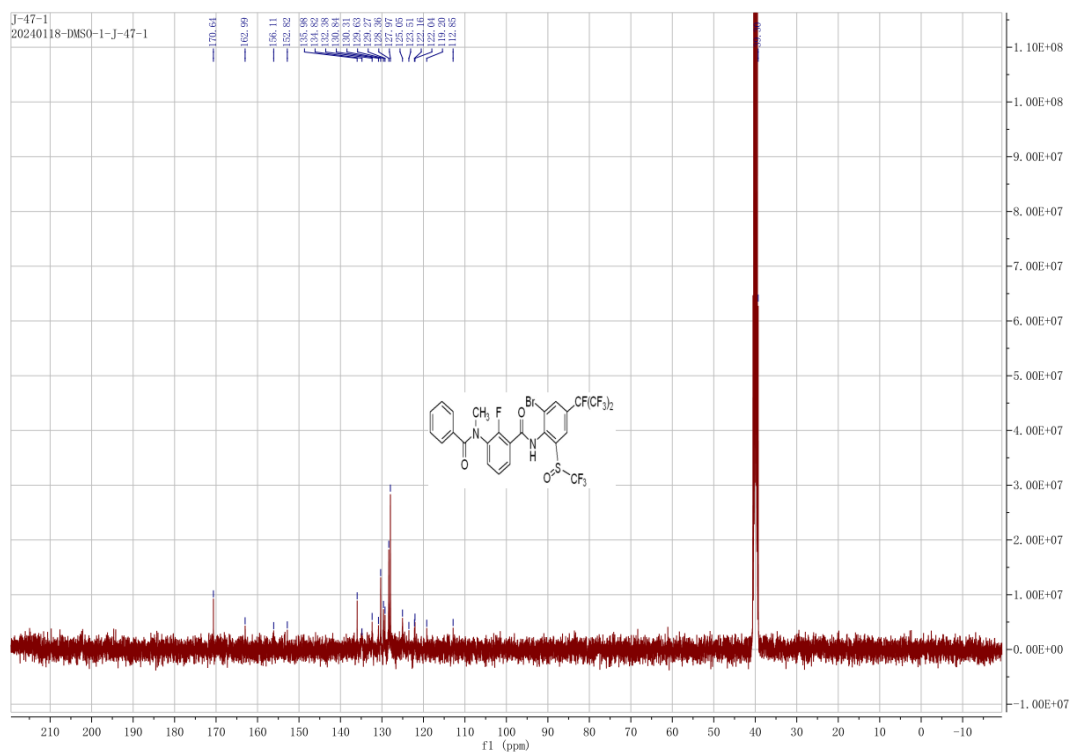
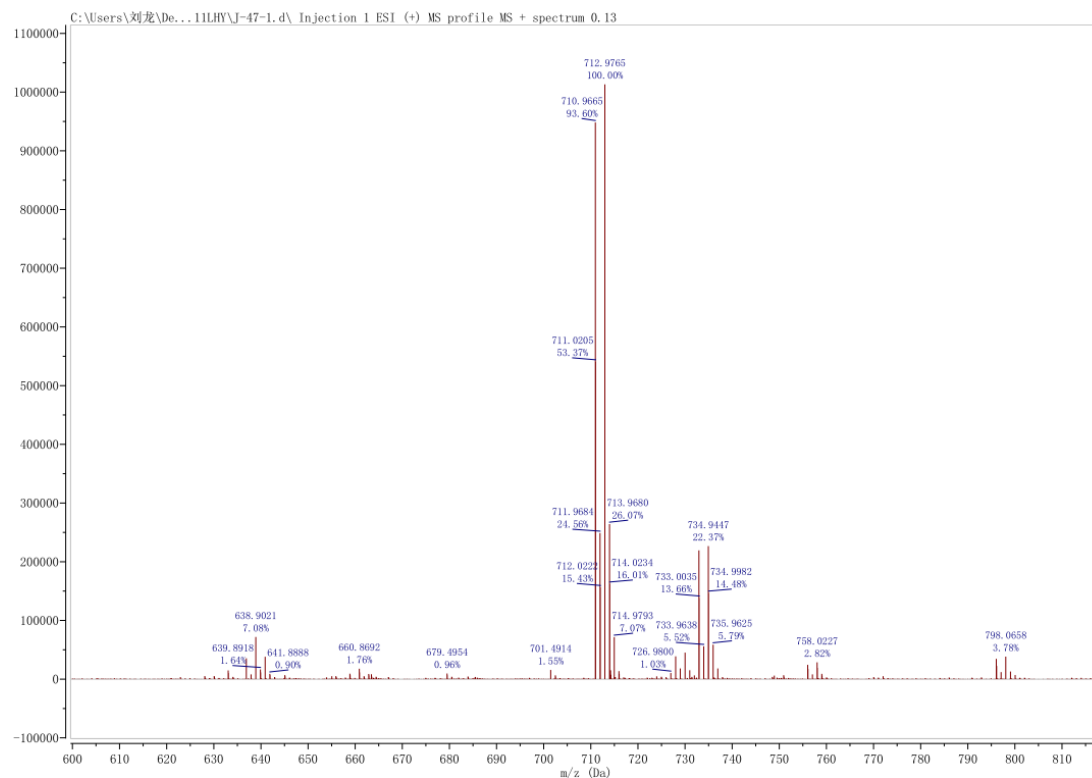
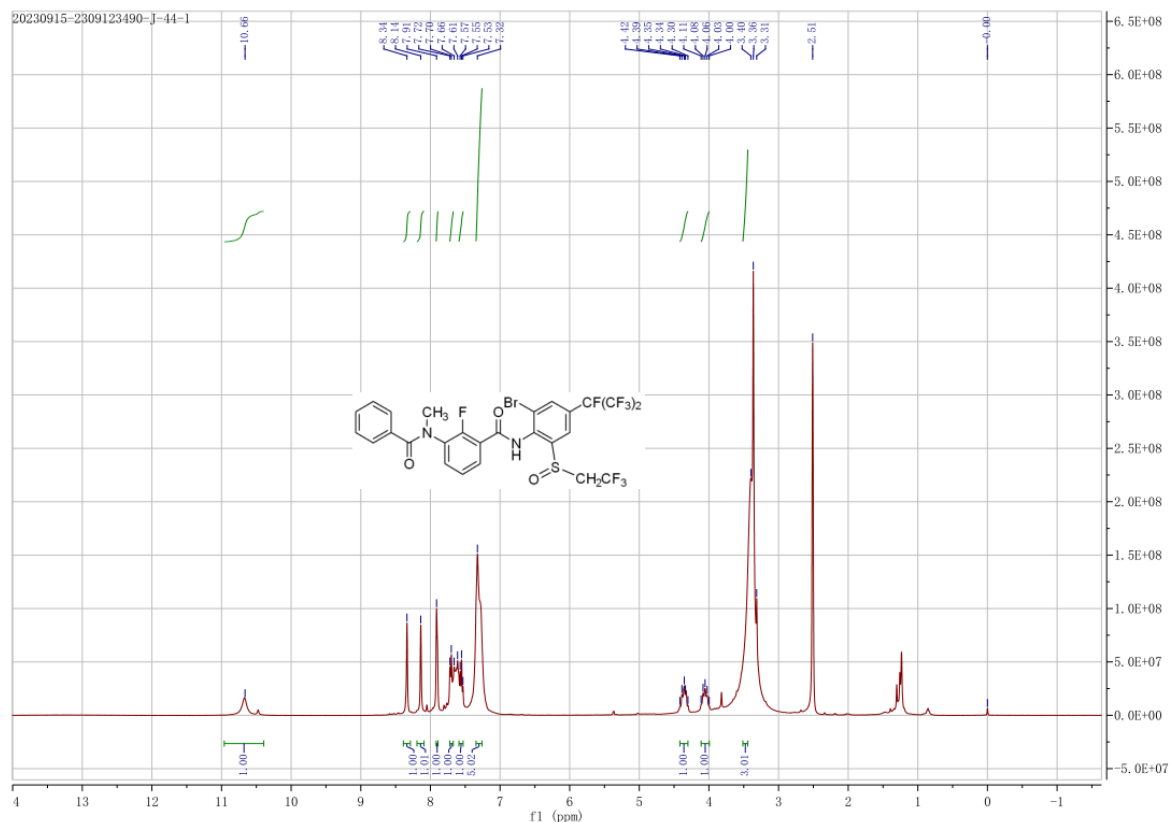


Figure 26S ^{13}C NMR spectrum of C-3



C-4



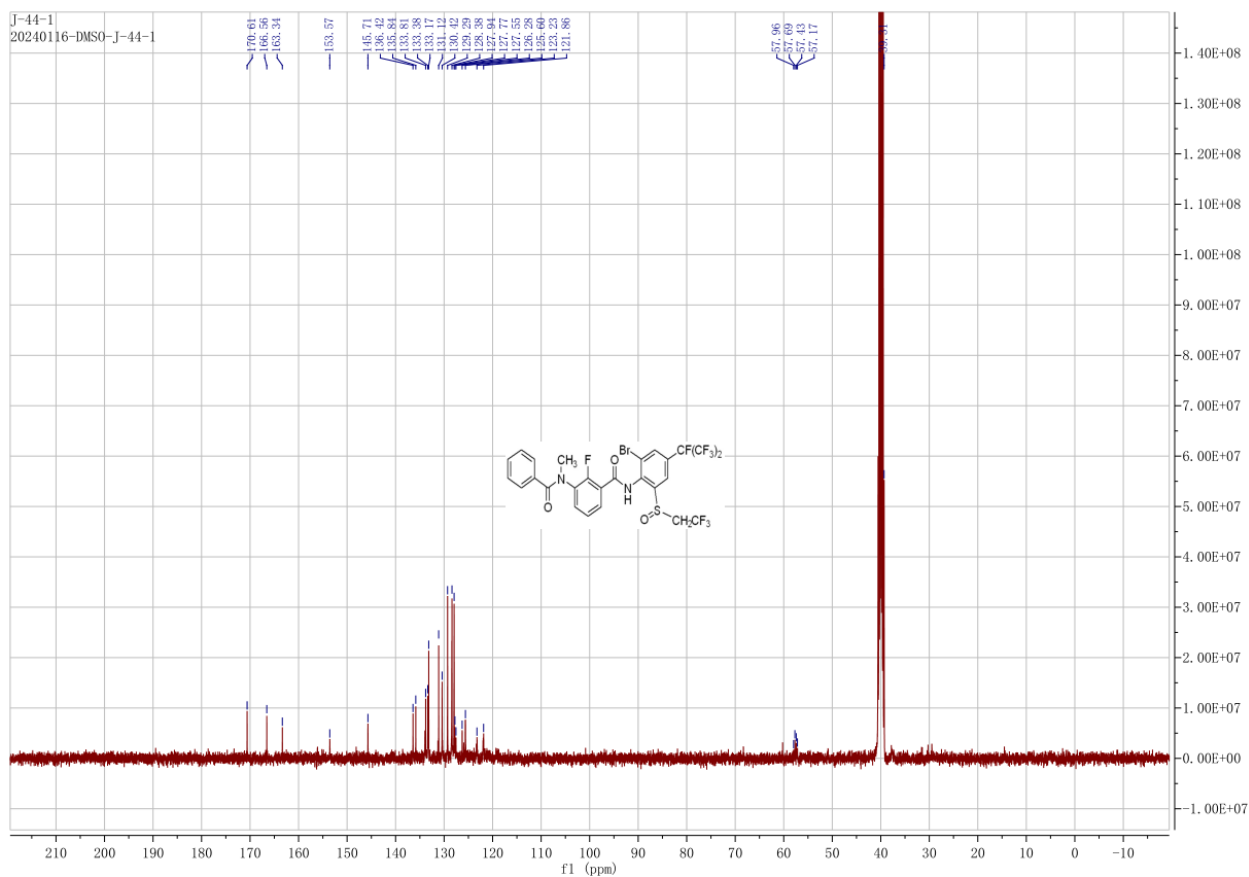


Figure 29S ^{13}C NMR spectrum of C-4

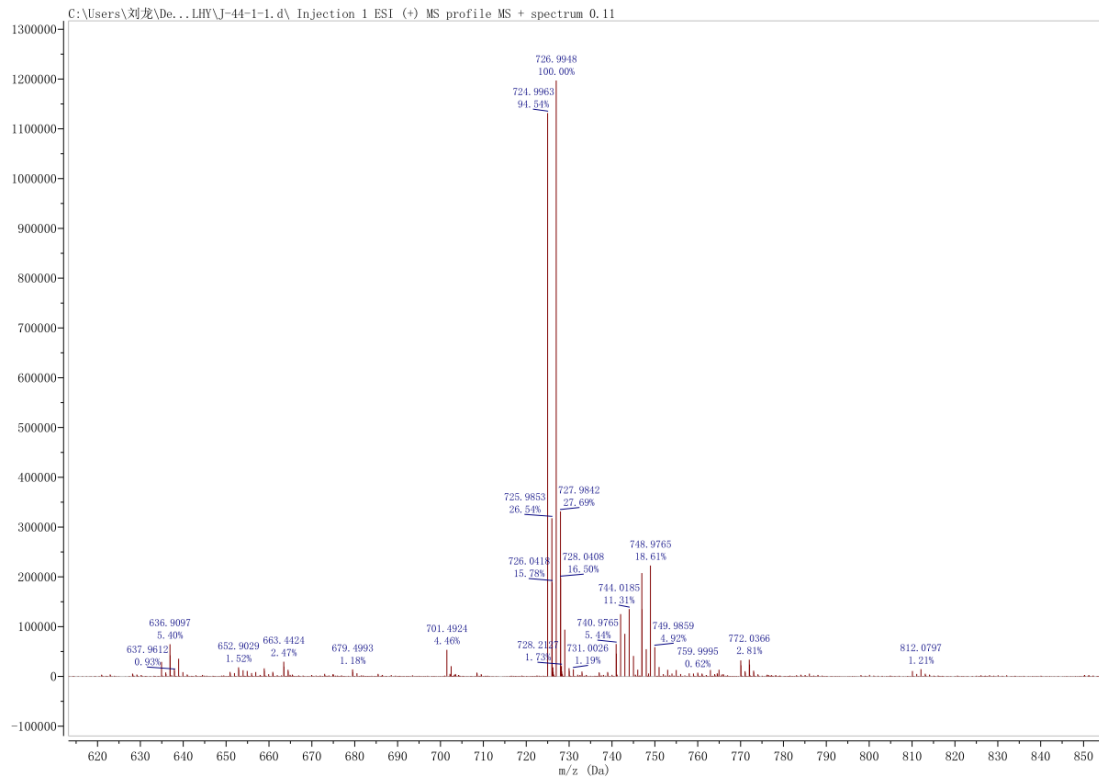


Figure 30S HRMS spectrum of C-4

D-1

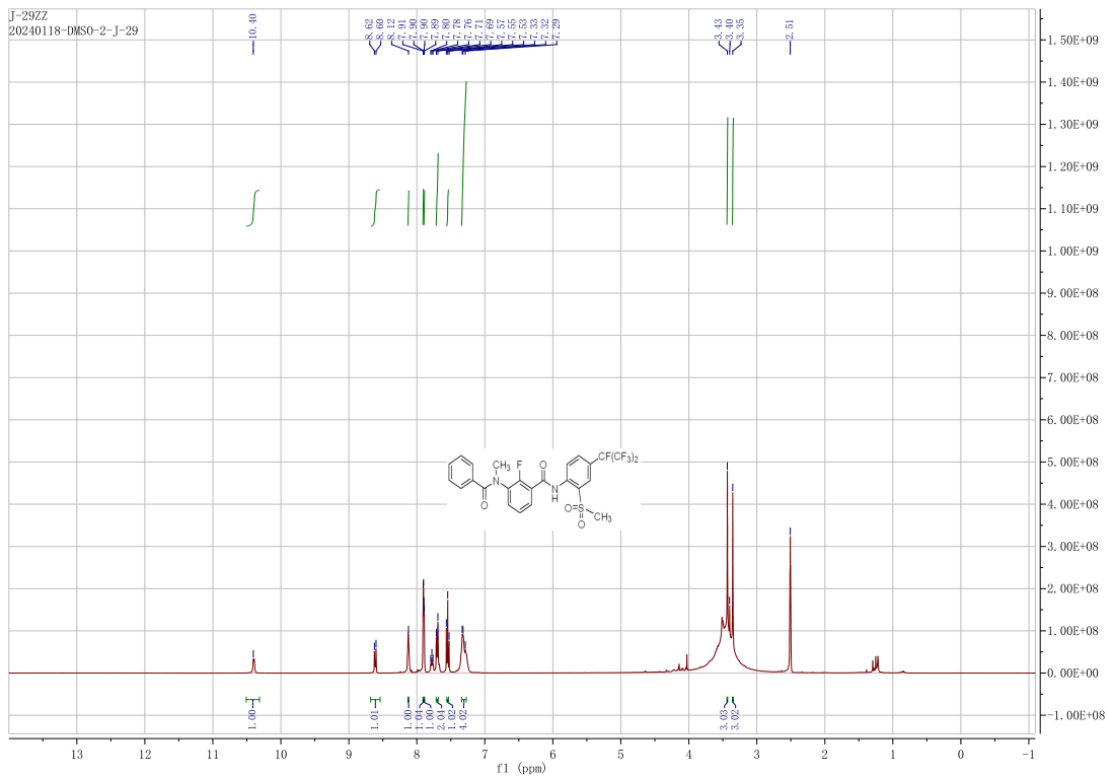


Figure 31 ^1H NMR spectrum of **D-1**

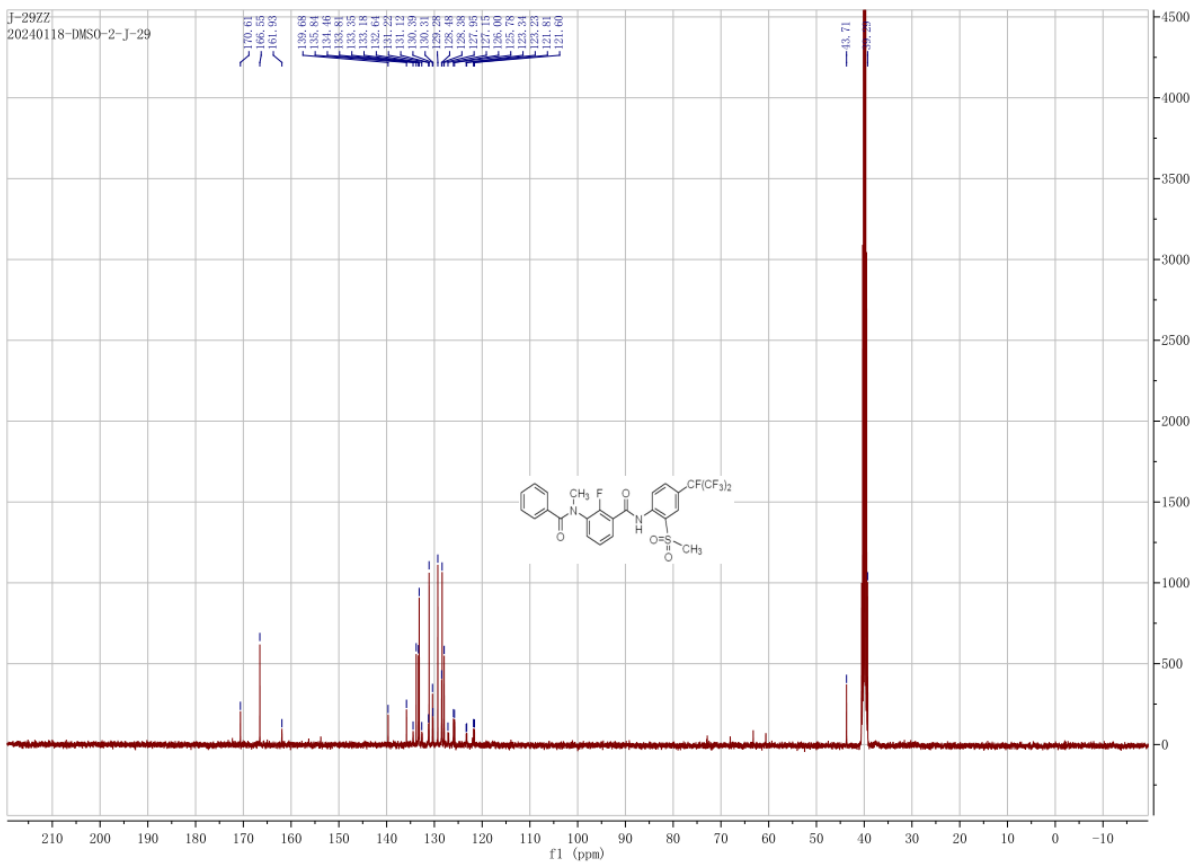


Figure 32S ^{13}C NMR spectrum of **D-1**

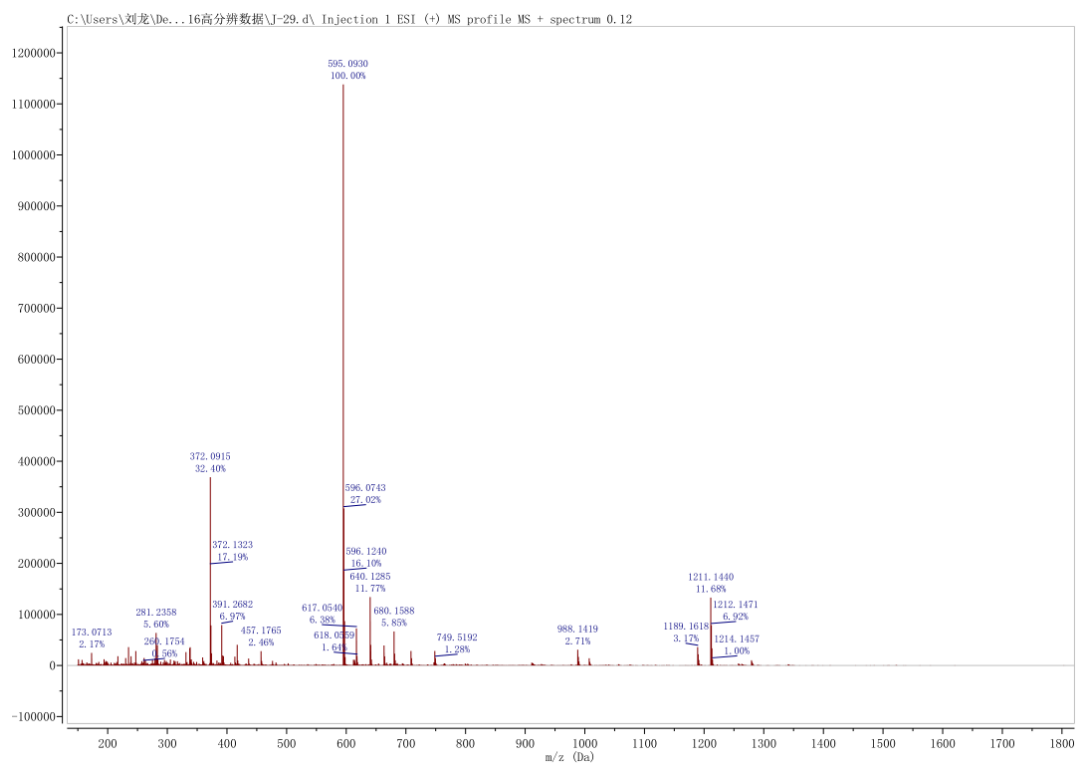


Figure 33S HRMS spectrum of **D-1**

D-2

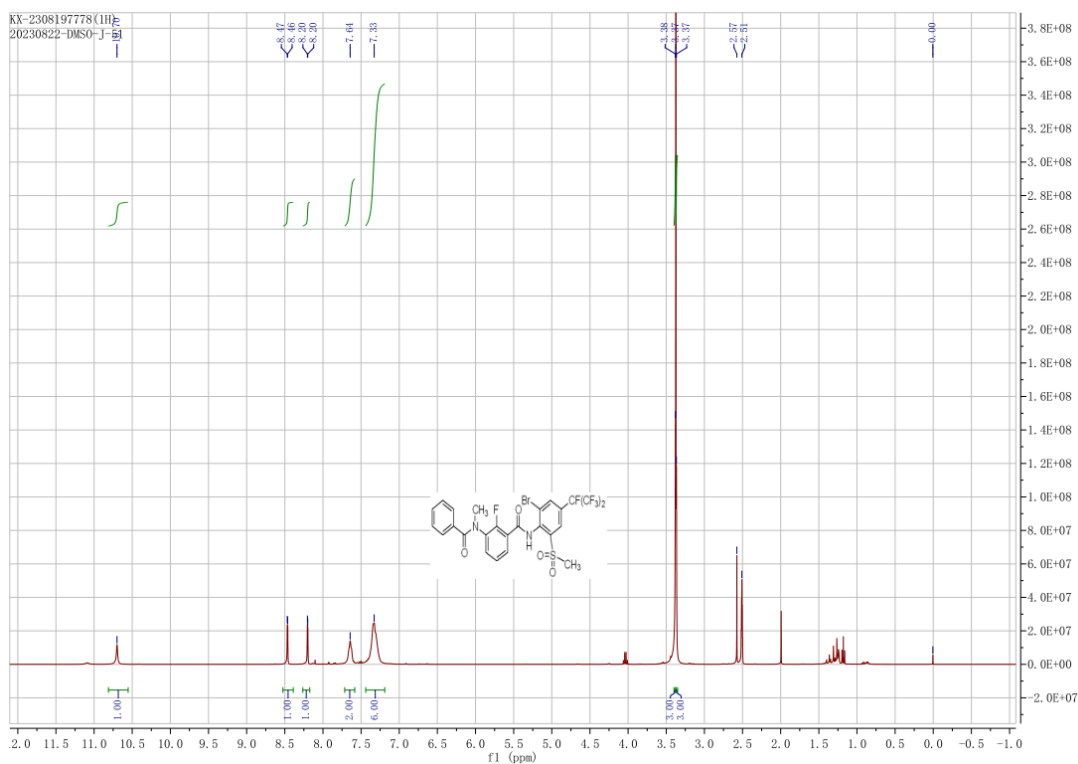


Figure 34S ^1H NMR spectrum of **D-2**

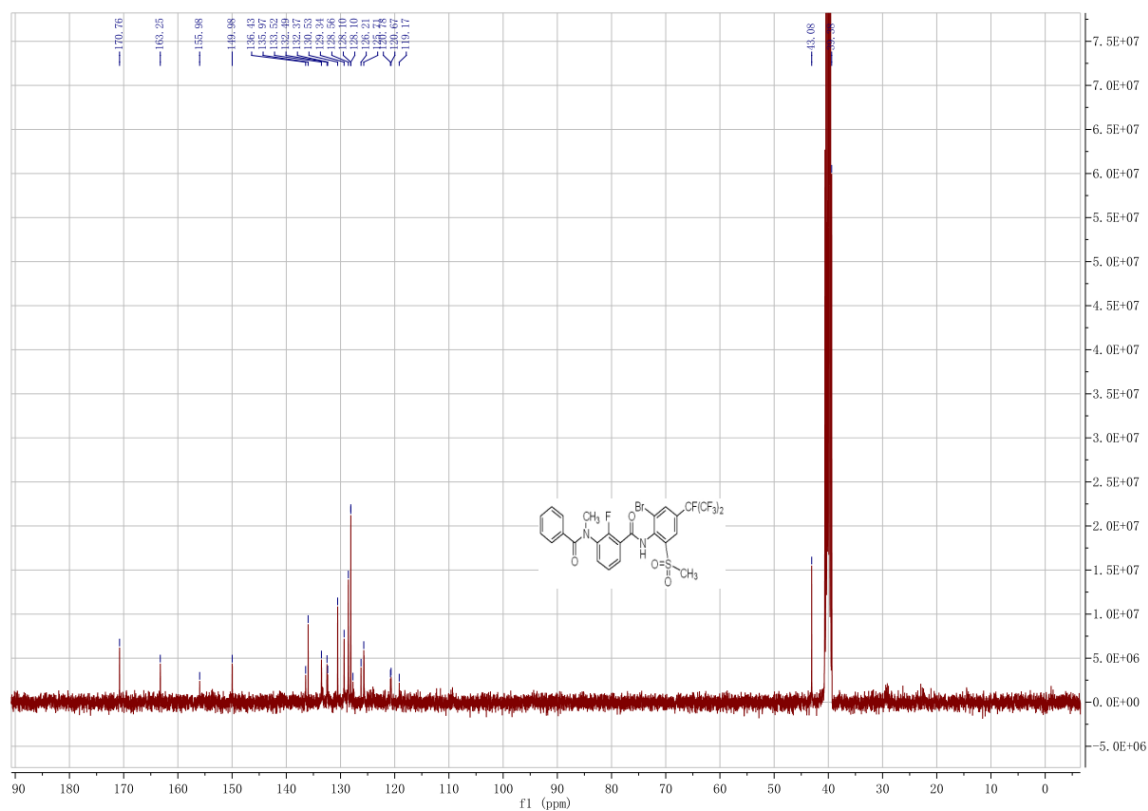


Figure 35S ¹³C NMR spectrum of D-2

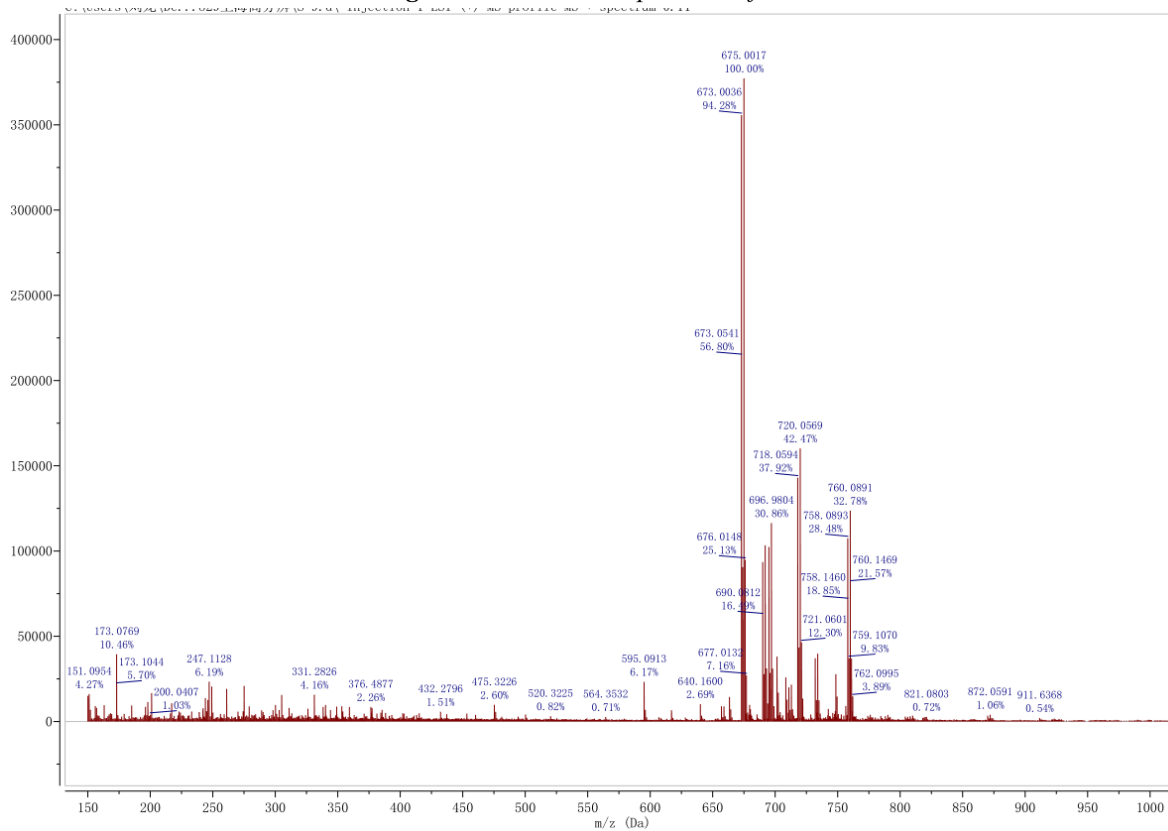


Figure 36S HRMS spectrum of D-2