

# Supplementary Materials

## Multifunctional small molecules as potential anti-Alzheimer's disease agents

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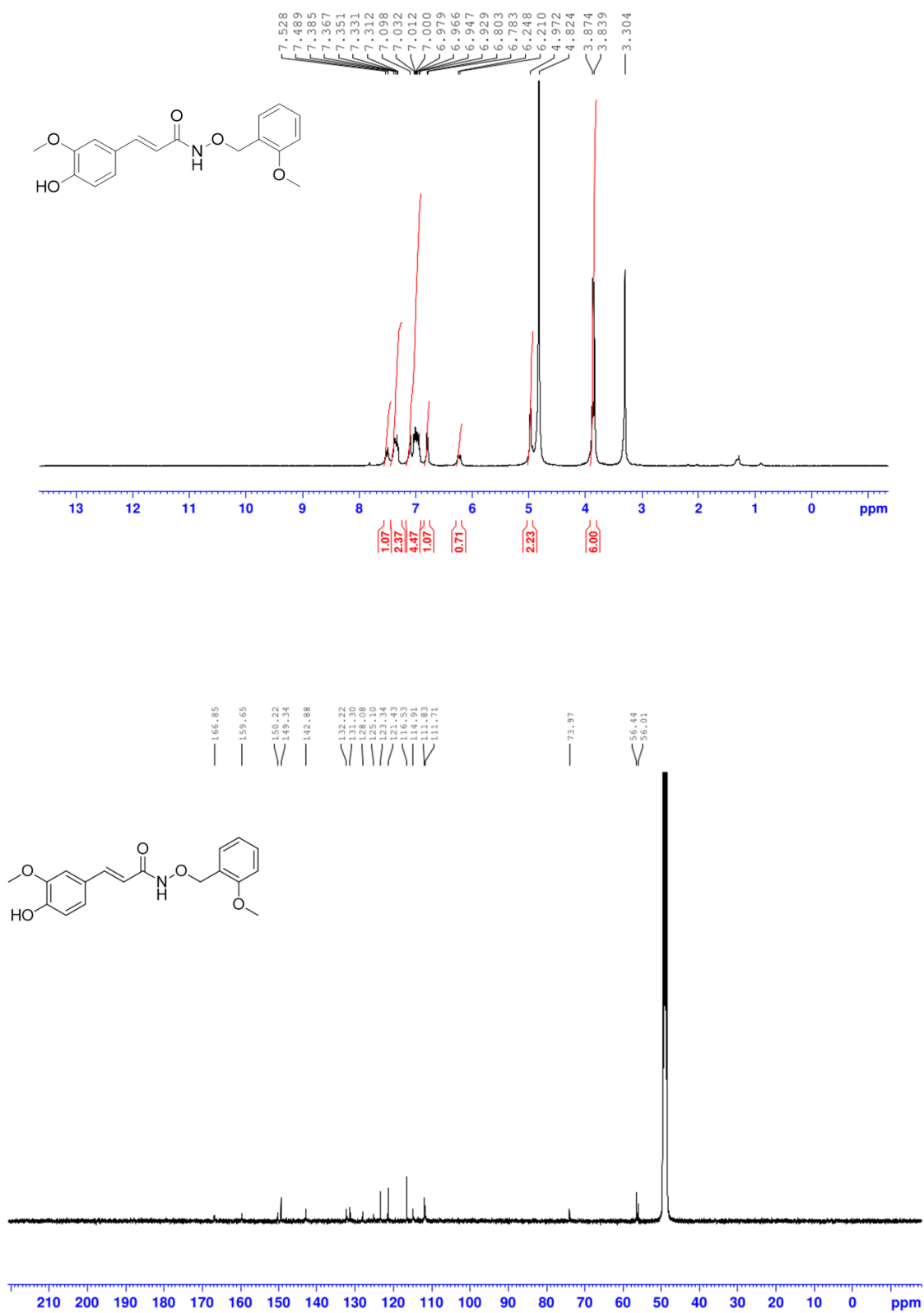
\$ these authors contributed equally to the manuscript

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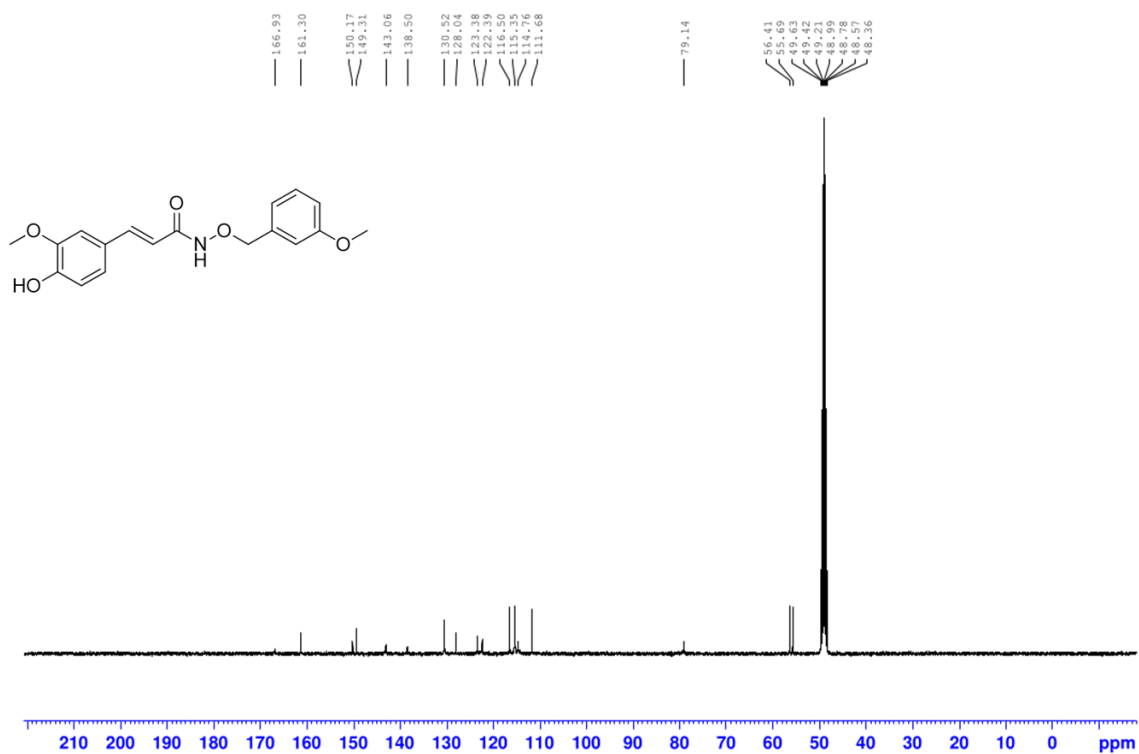
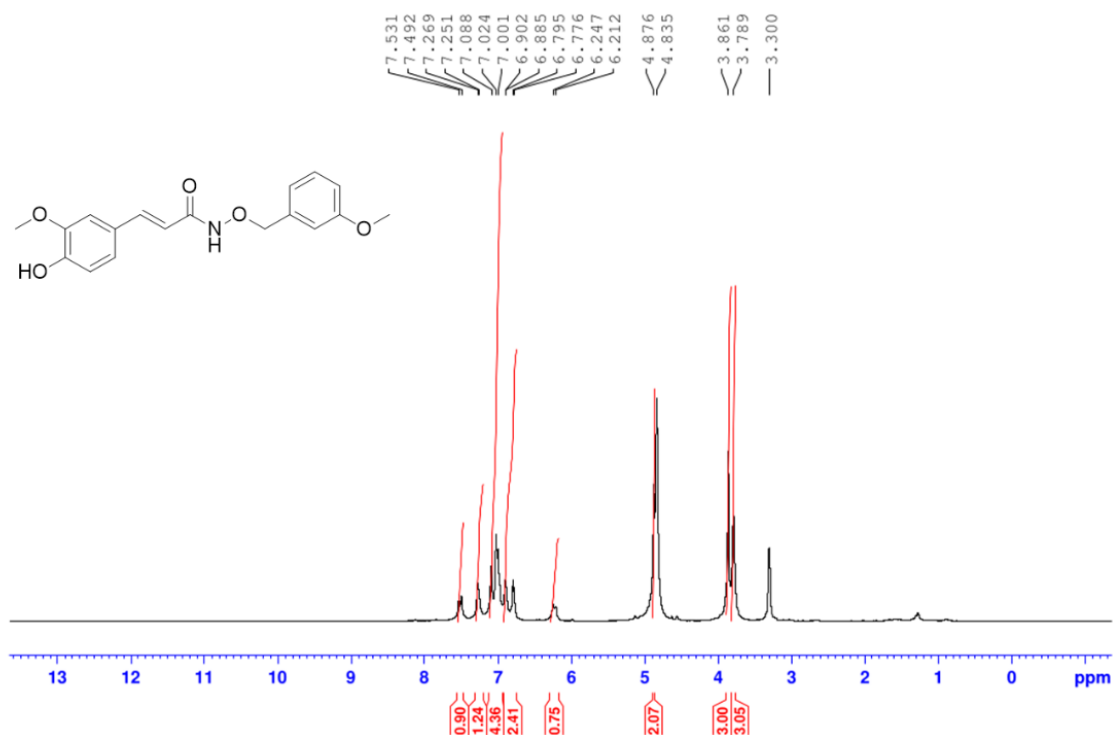
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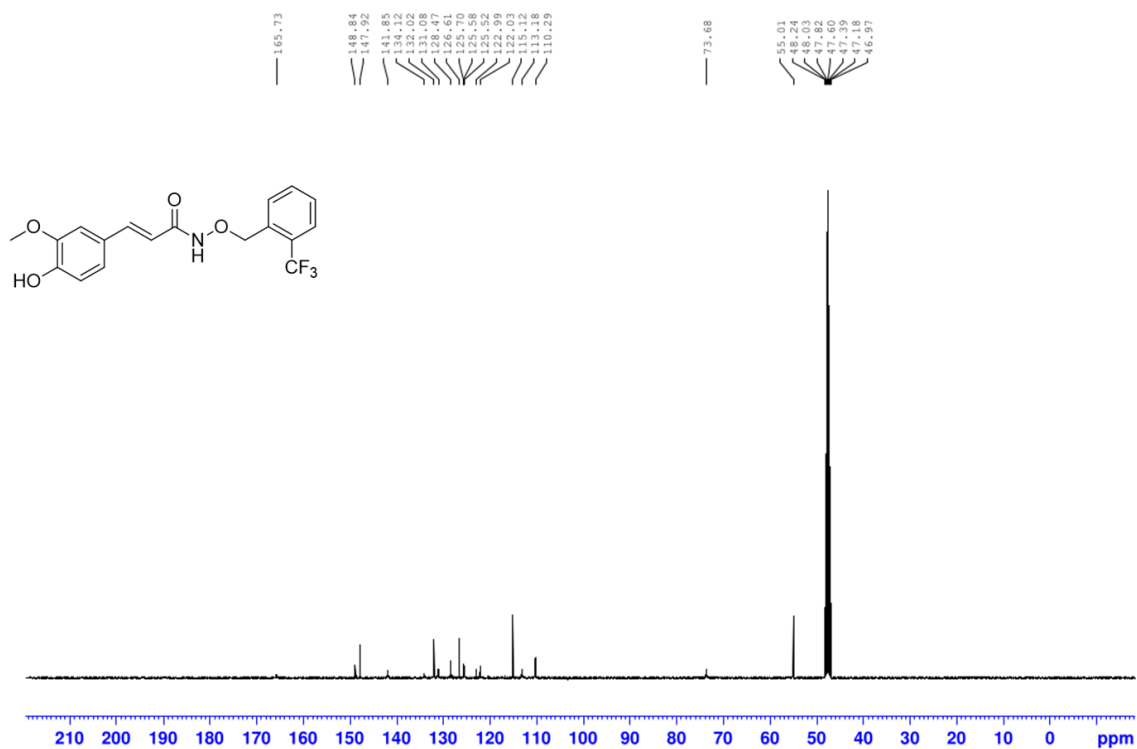
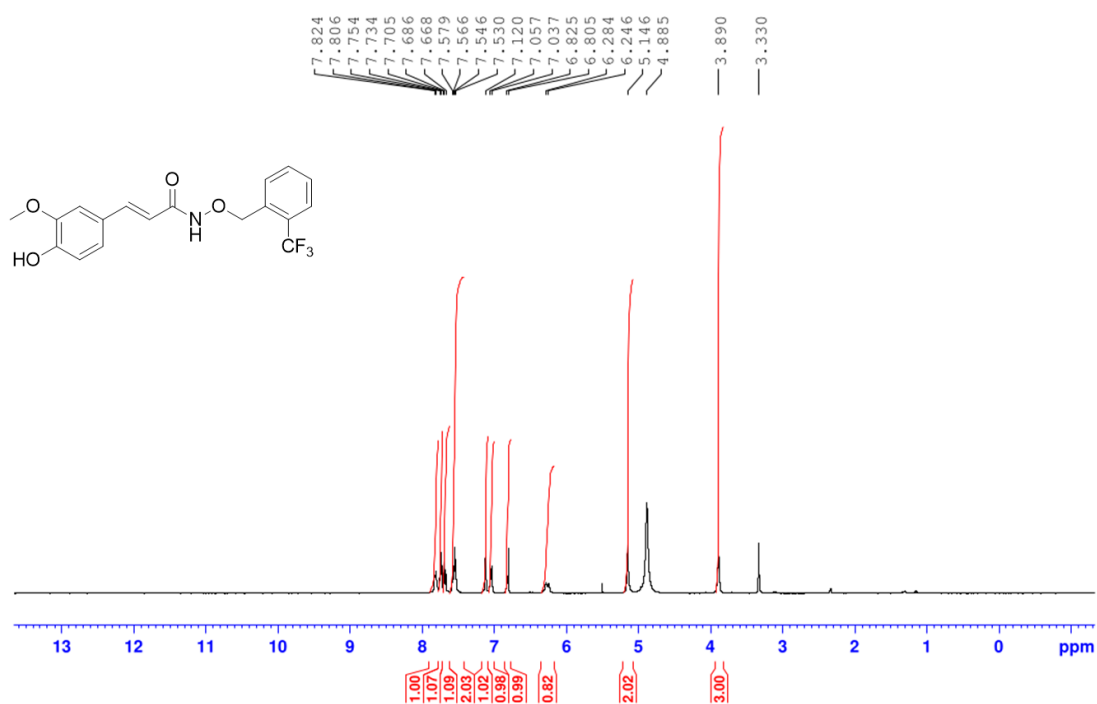
$^1\text{H}$  and  $^{13}\text{C}$  NMR (MeOD) spectra of compound **1a**.



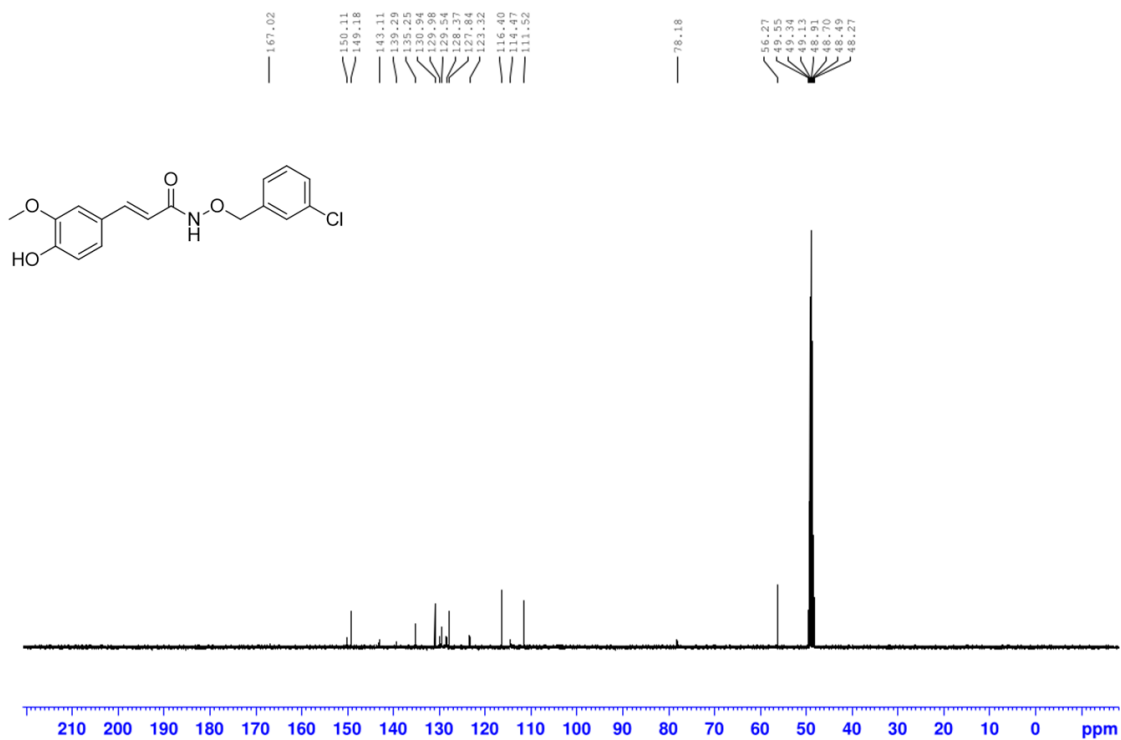
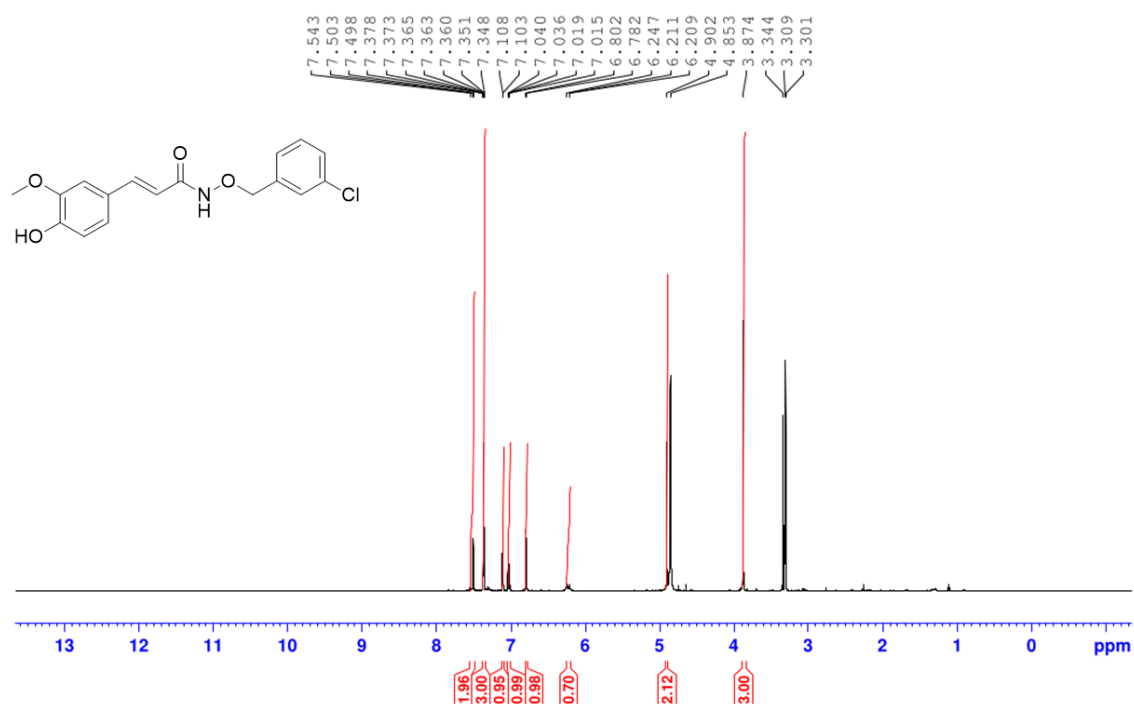
$^1\text{H}$  and  $^{13}\text{C}$  NMR (MeOD) spectra of compound **1b**.



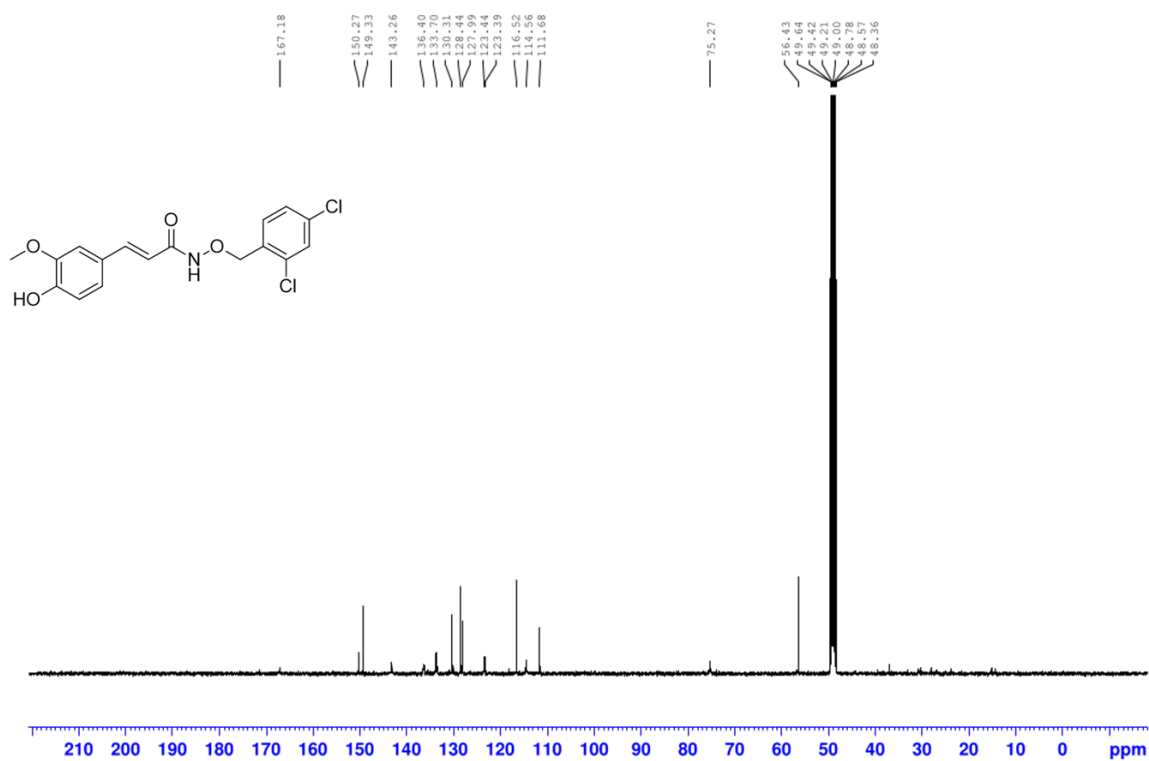
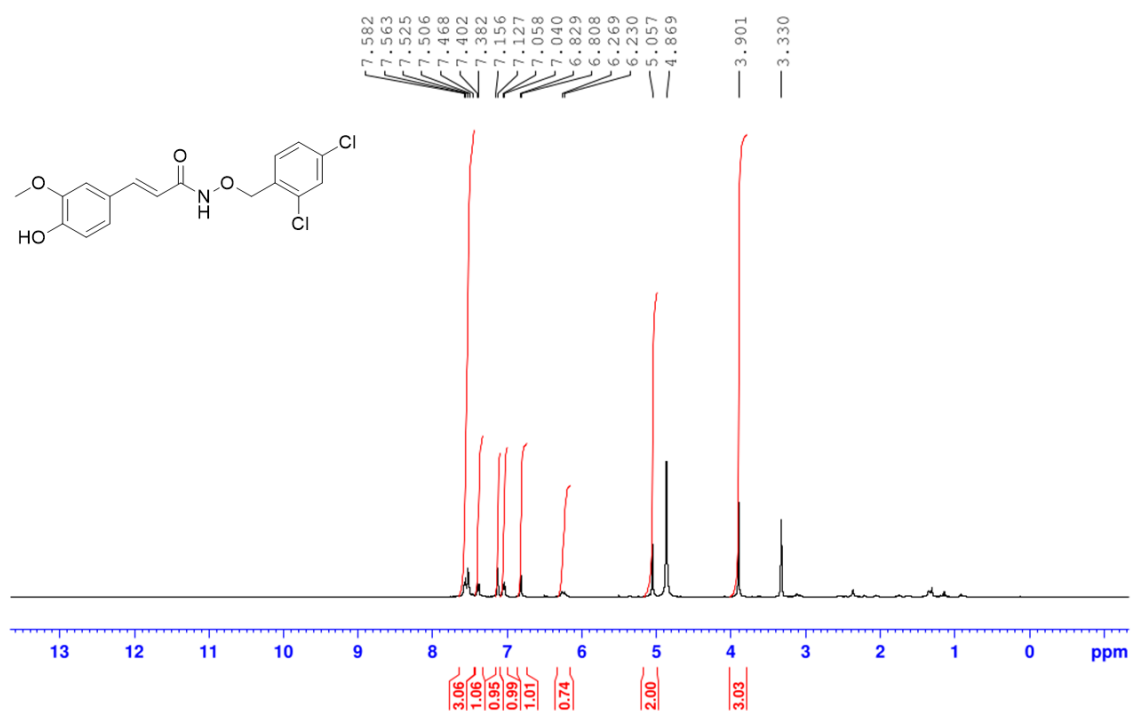
$^1\text{H}$  and  $^{13}\text{C}$  NMR (MeOD) spectra of compound **1c**.



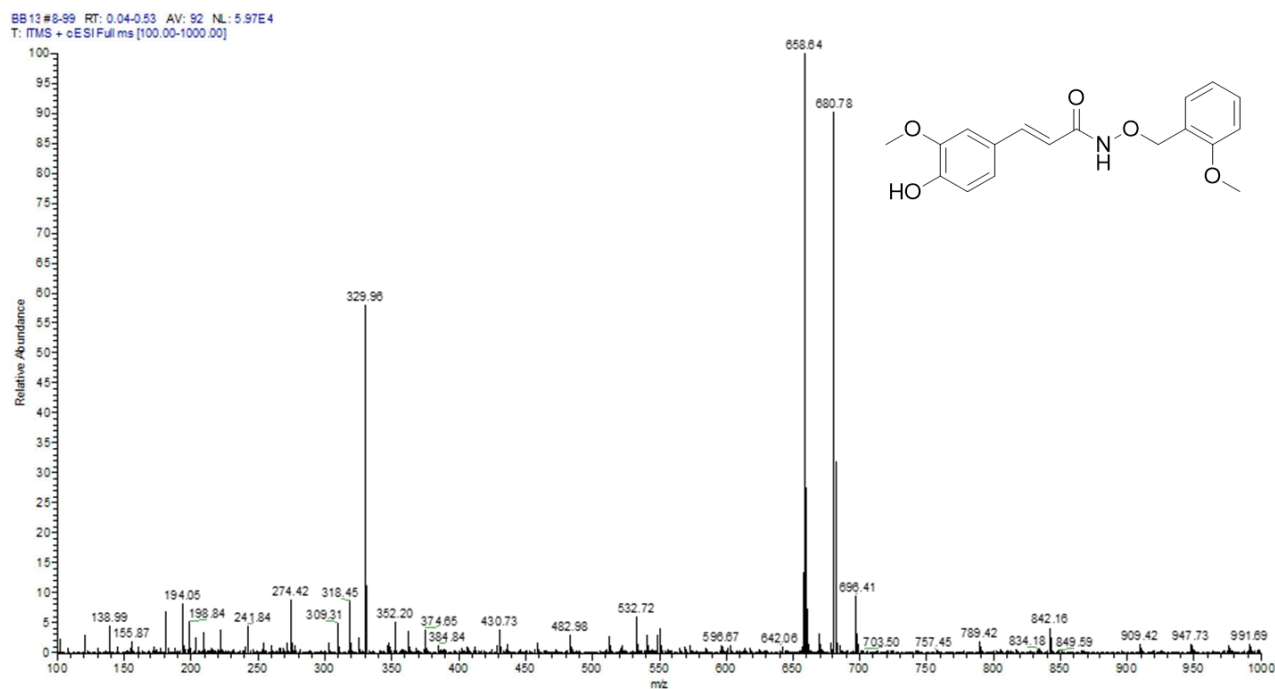
$^1\text{H}$  and  $^{13}\text{C}$  NMR (MeOD) spectra of compound **1d**.



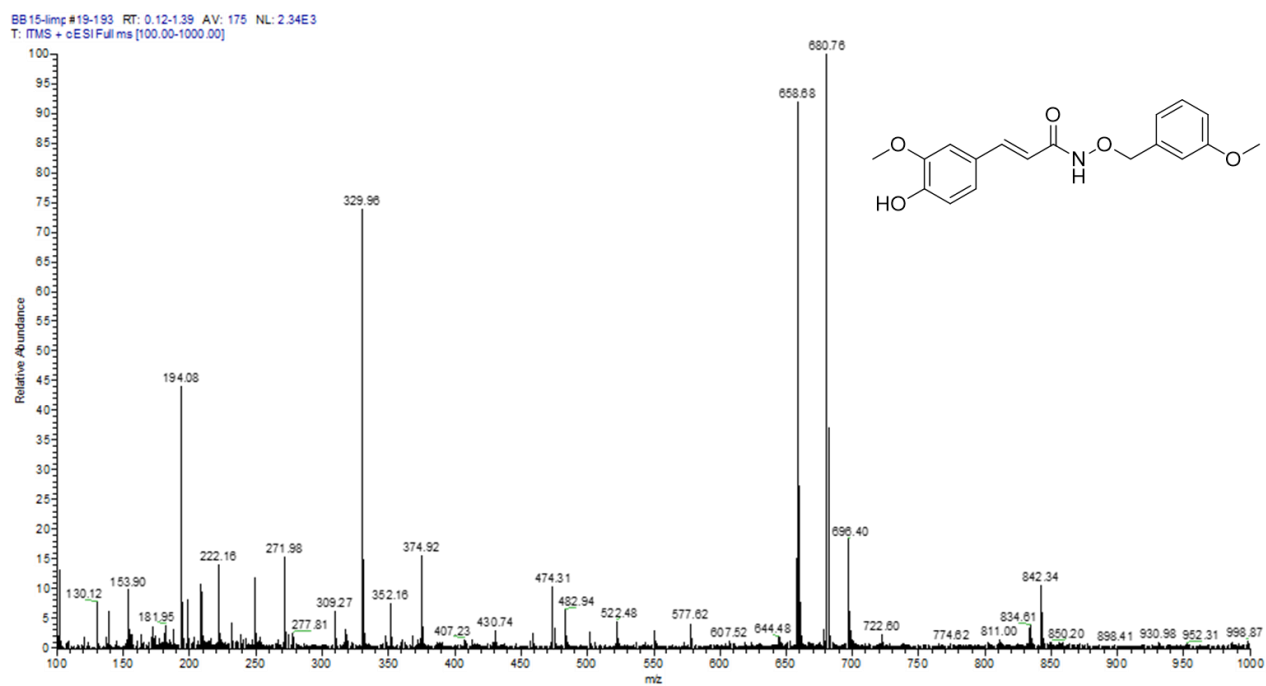
$^1\text{H}$  and  $^{13}\text{C}$  NMR (MeOD) spectra of compound **1e**.



**ESI-MS:  $[M+H]^+$  compound 1a.**

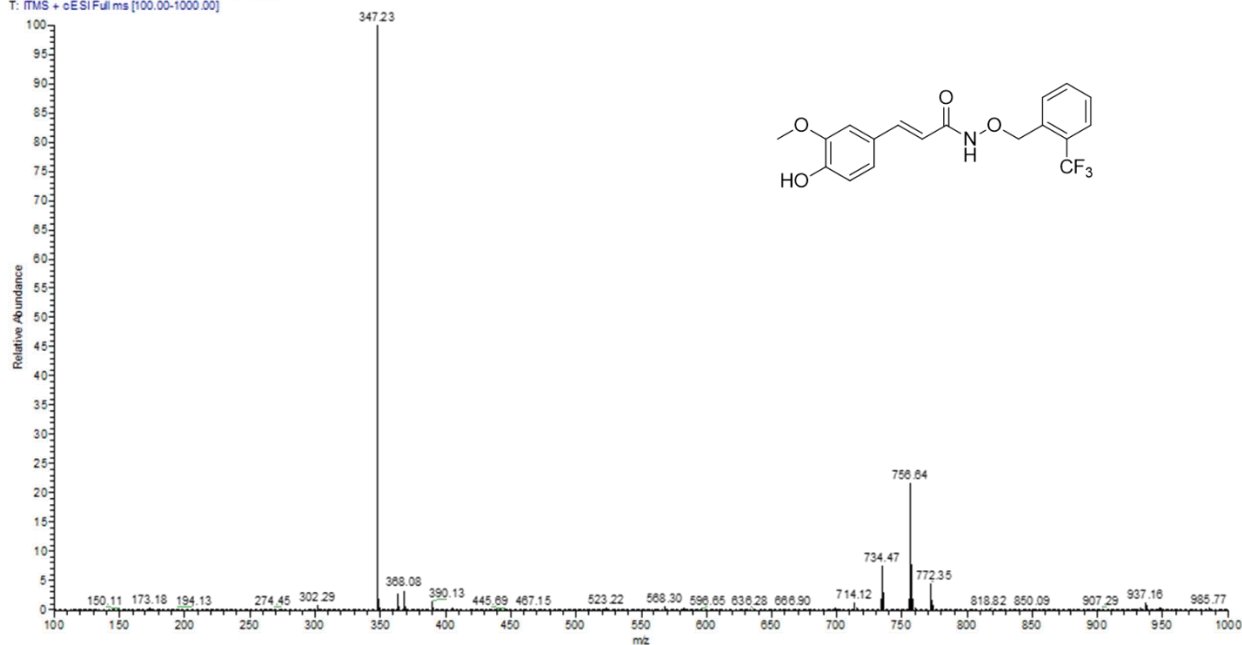


**ESI-MS:  $[M+H]^+$  compound 1b.**



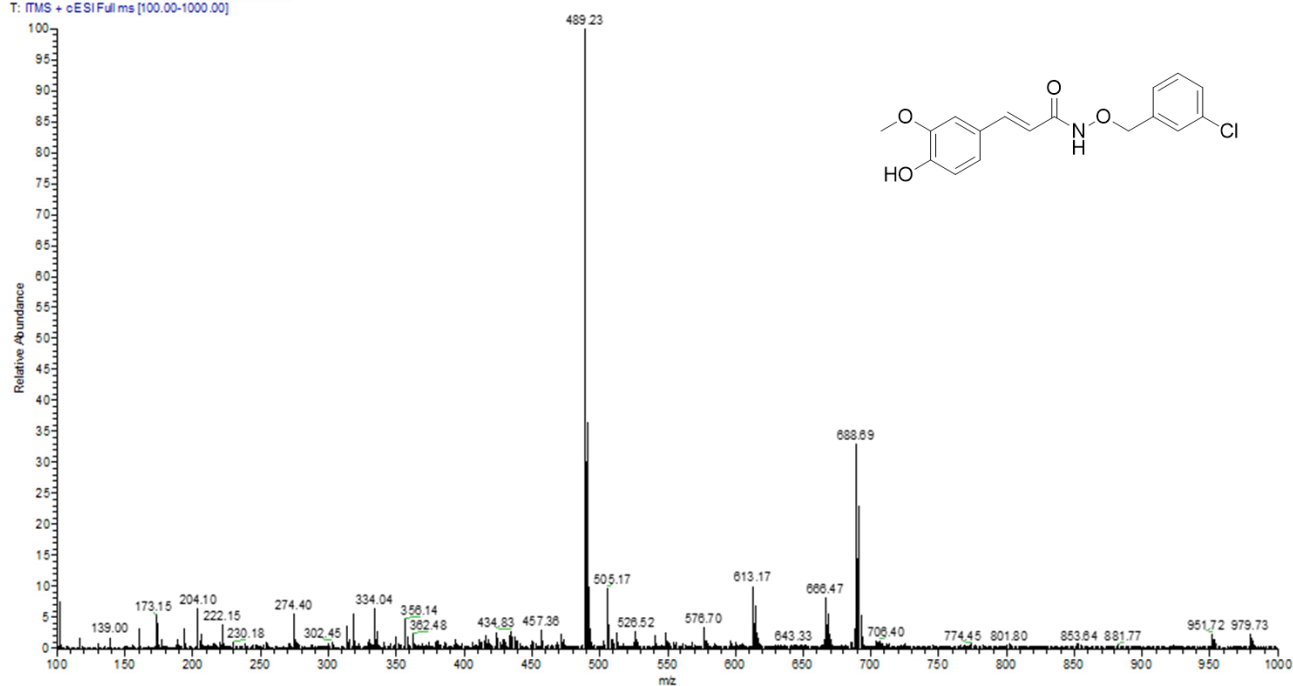
**ESI-MS:  $[M+H]^+$  compound **1c**.**

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T: ITMS + eESI Full ms [100.00-1000.00]



**ESI-MS:  $[M+H]^+$  compound **1d**.**

BB7 #16-245 RT: 0.08-1.32 AV: 230 NL: 6.27E4  
T: ITMS + eESI Full ms [100.00-1000.00]





**ESI-MS: [M+H]<sup>+</sup> compound 1e.**

BB14 #11-123 RT: 0.08-0.71 AV: 113 NL: 1.83E4  
T: ITMS + cESI Full ms [100.00-1000.00]

