

Supplementary Information

A green protocol for synthesis of benzo-fused N,S-, N,O-and N,N-heterocycles in water

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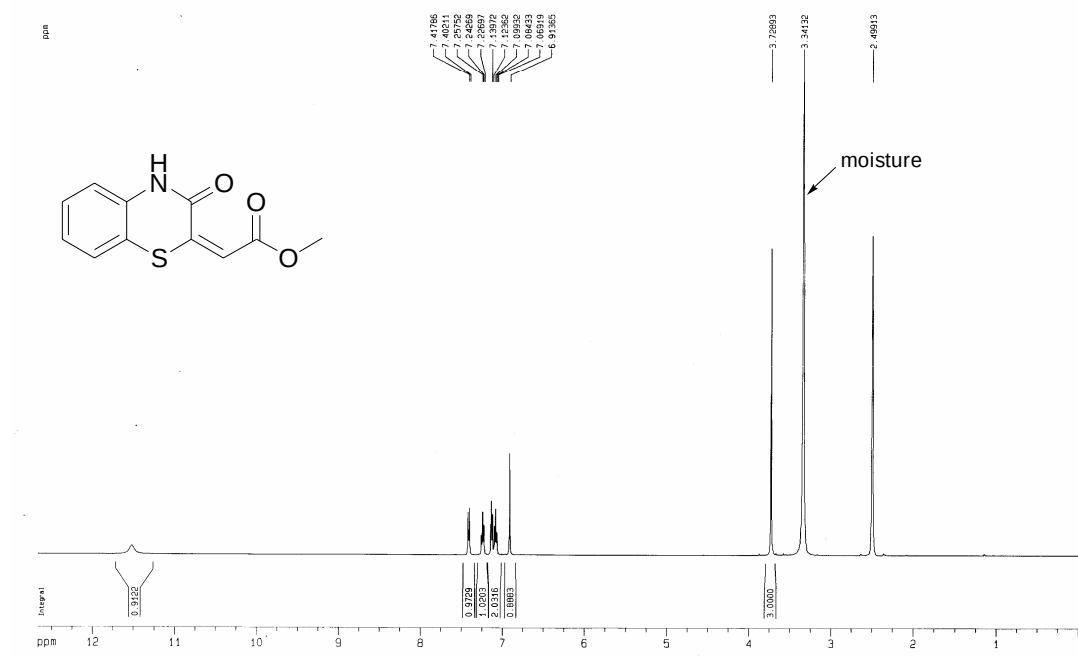
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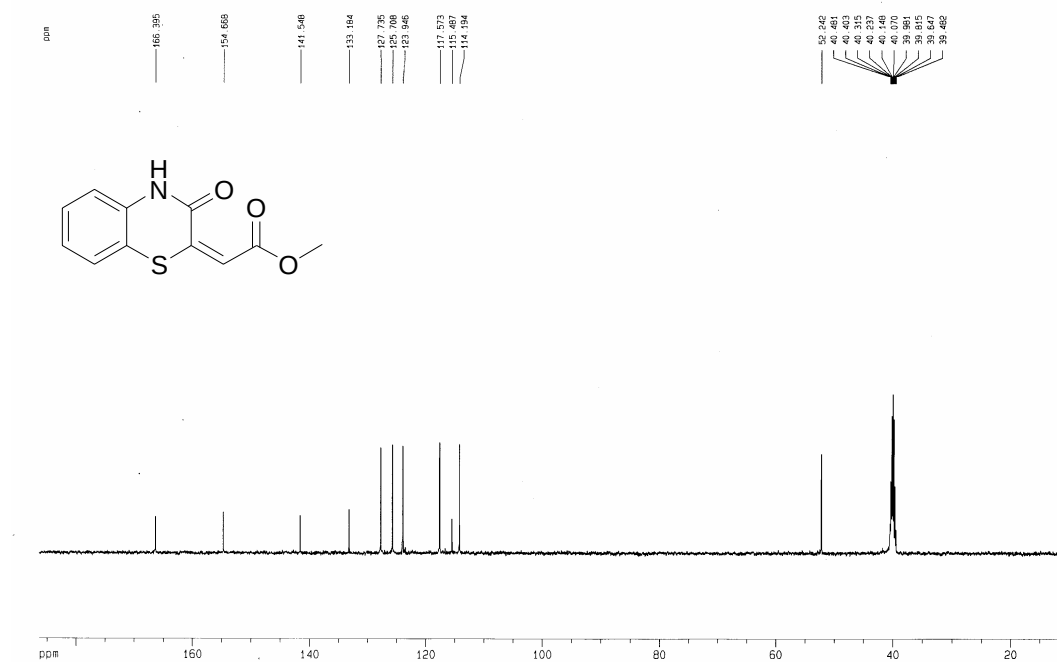
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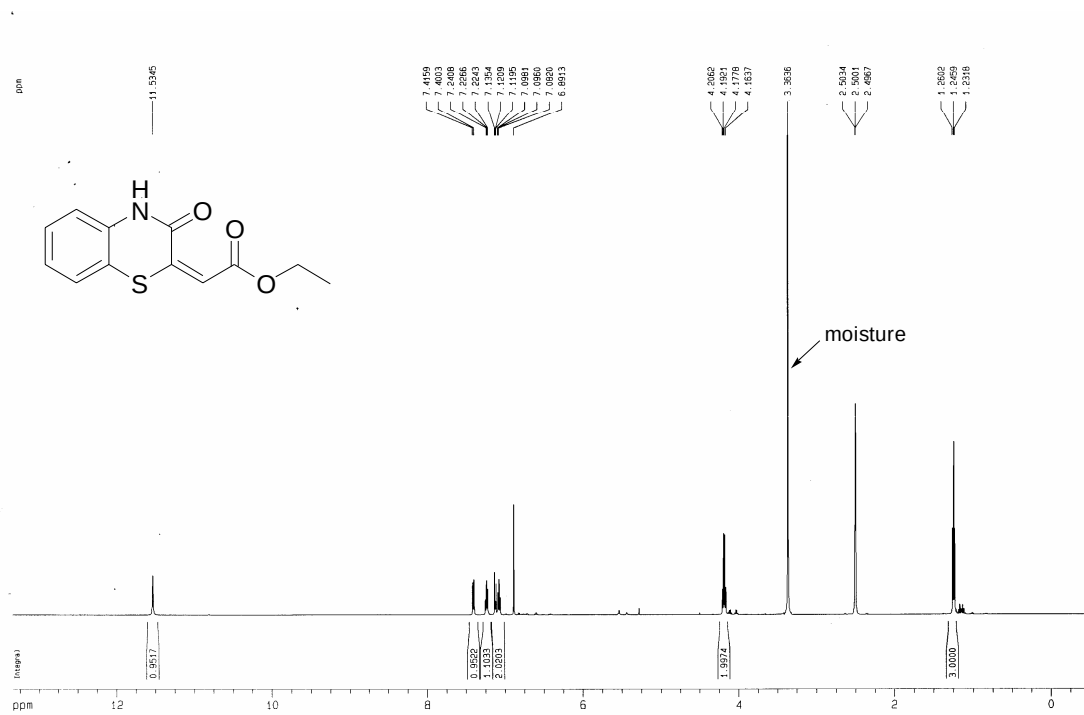
^1H NMR spectrum of **3a**



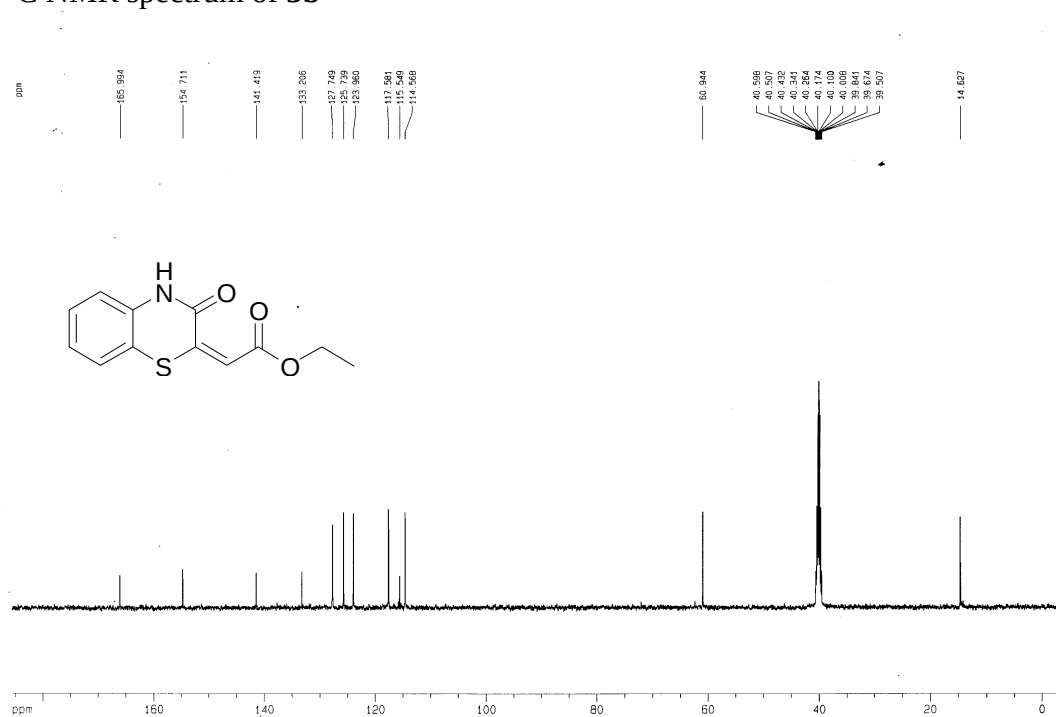
^{13}C NMR spectrum of **3a**



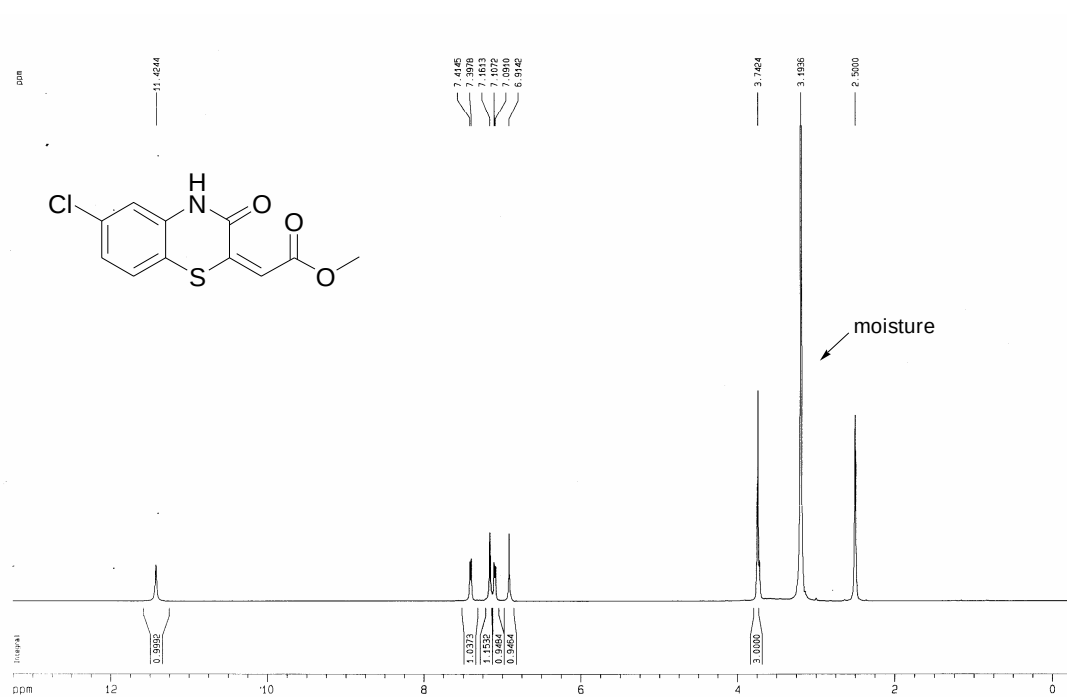
^1H NMR spectrum of **3b**



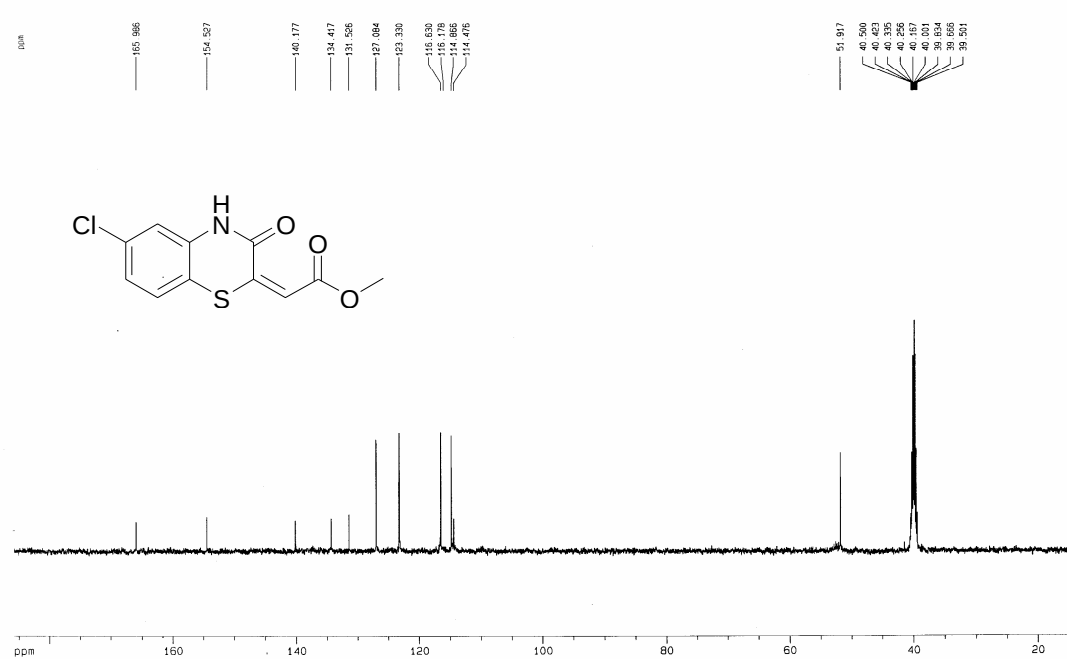
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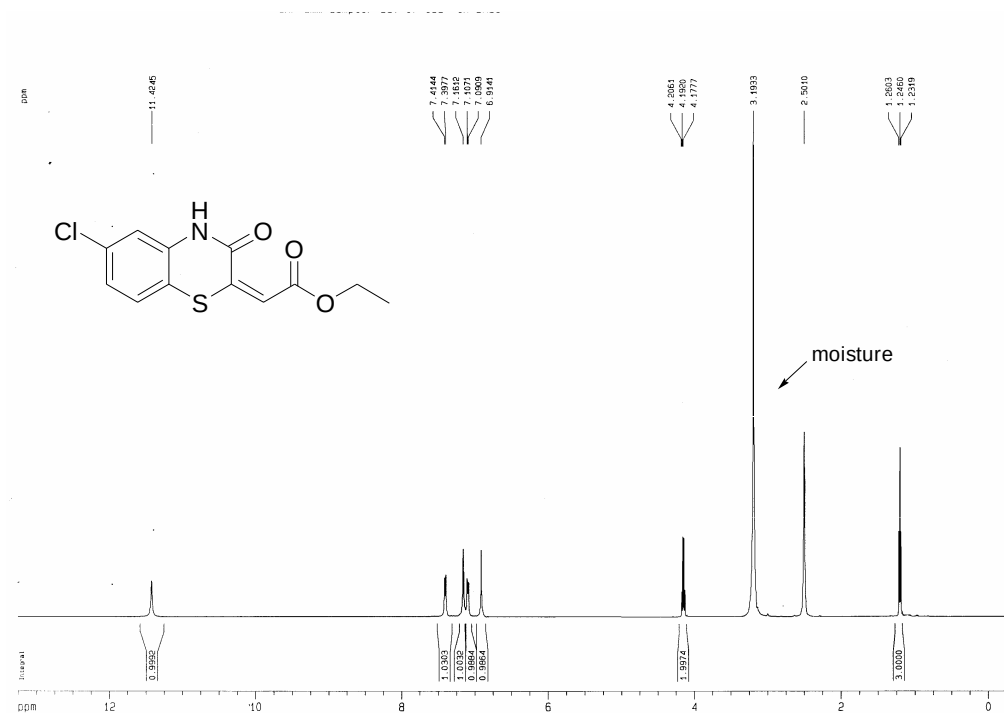
^1H NMR spectrum of **3c**



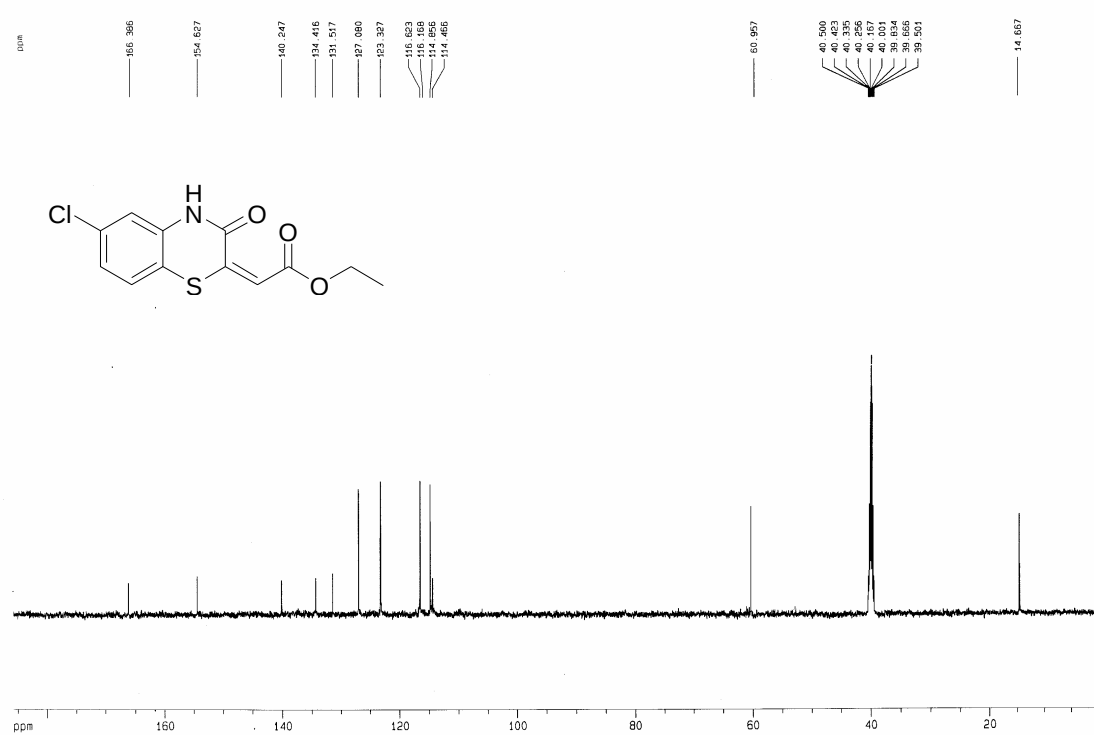
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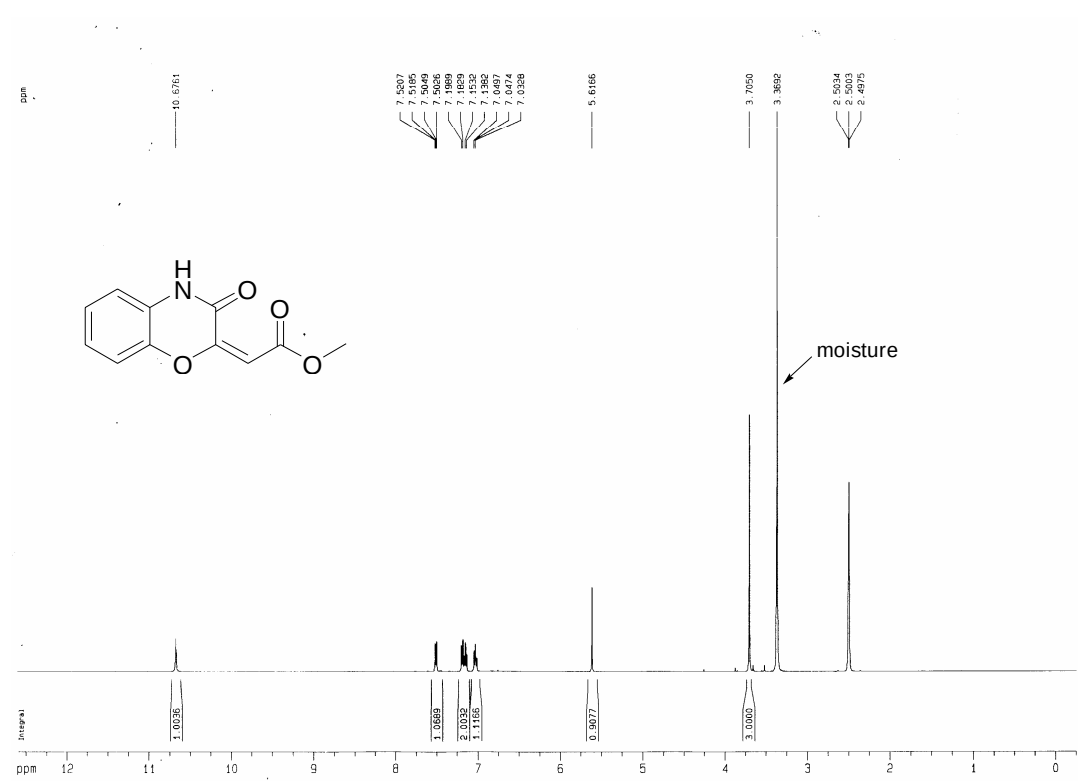
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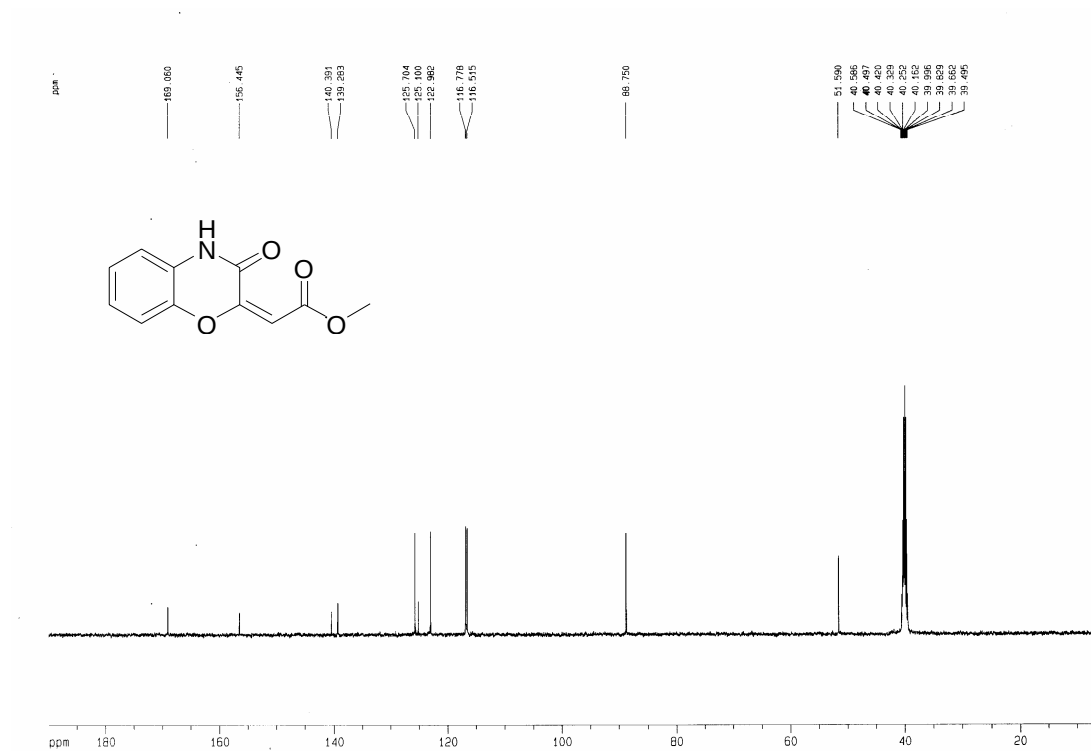
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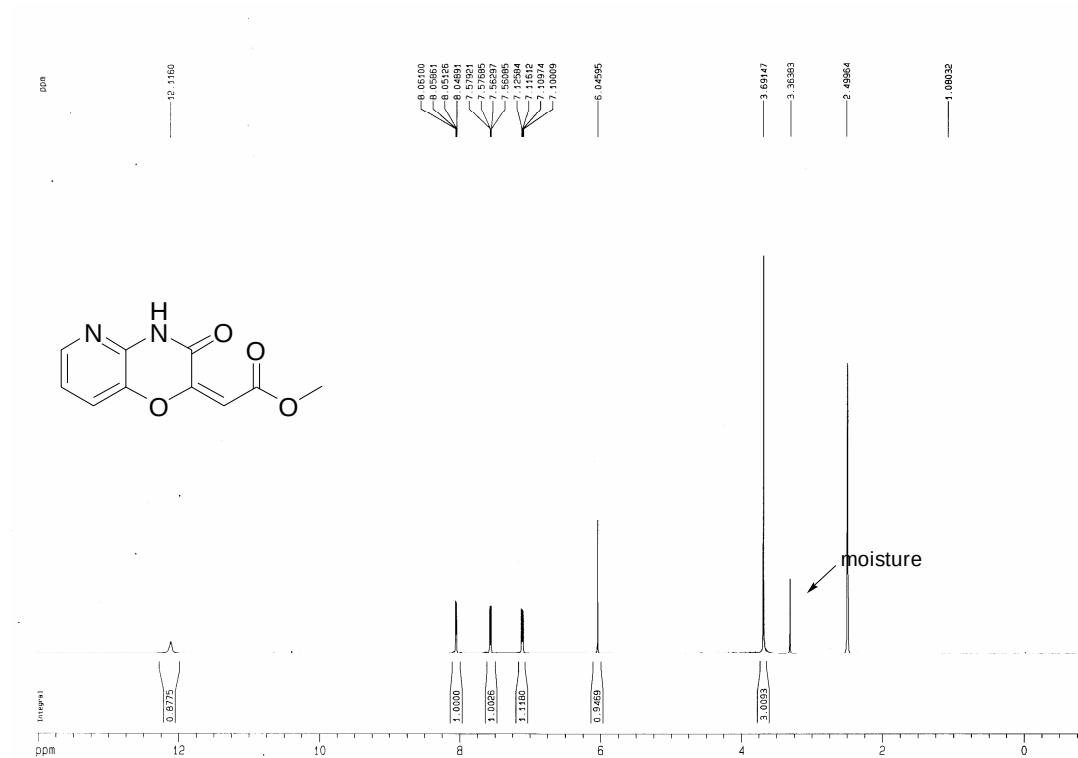
^1H NMR spectrum of **3e**



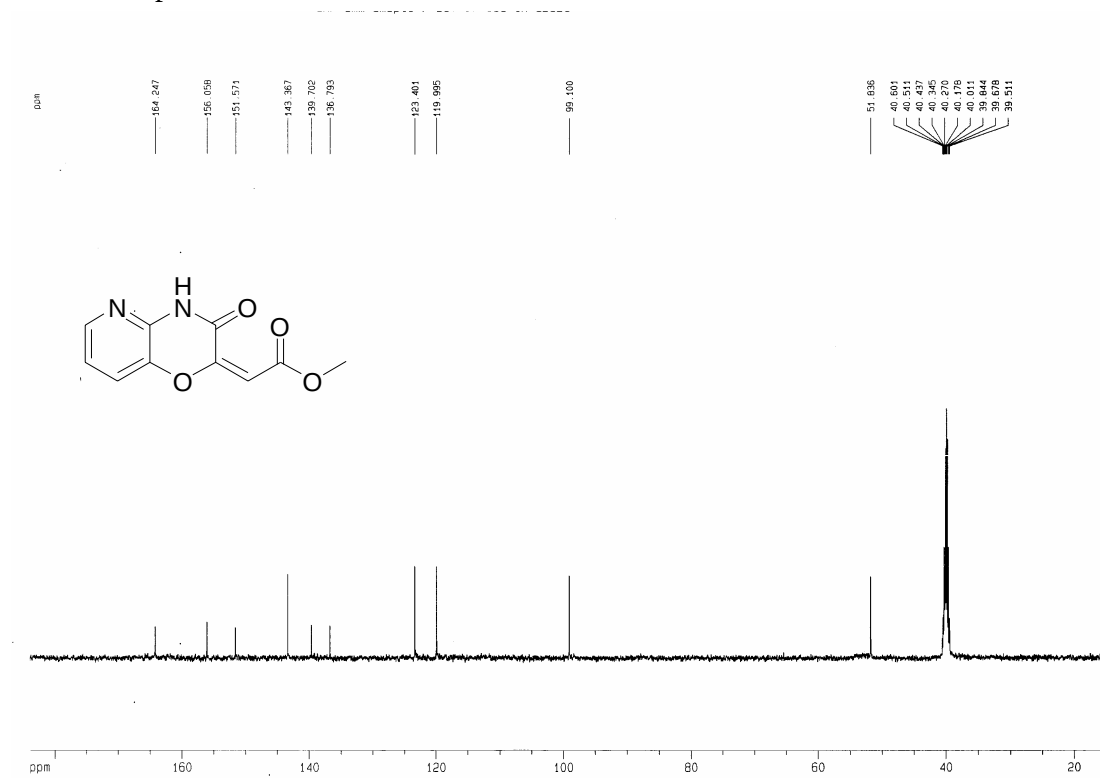
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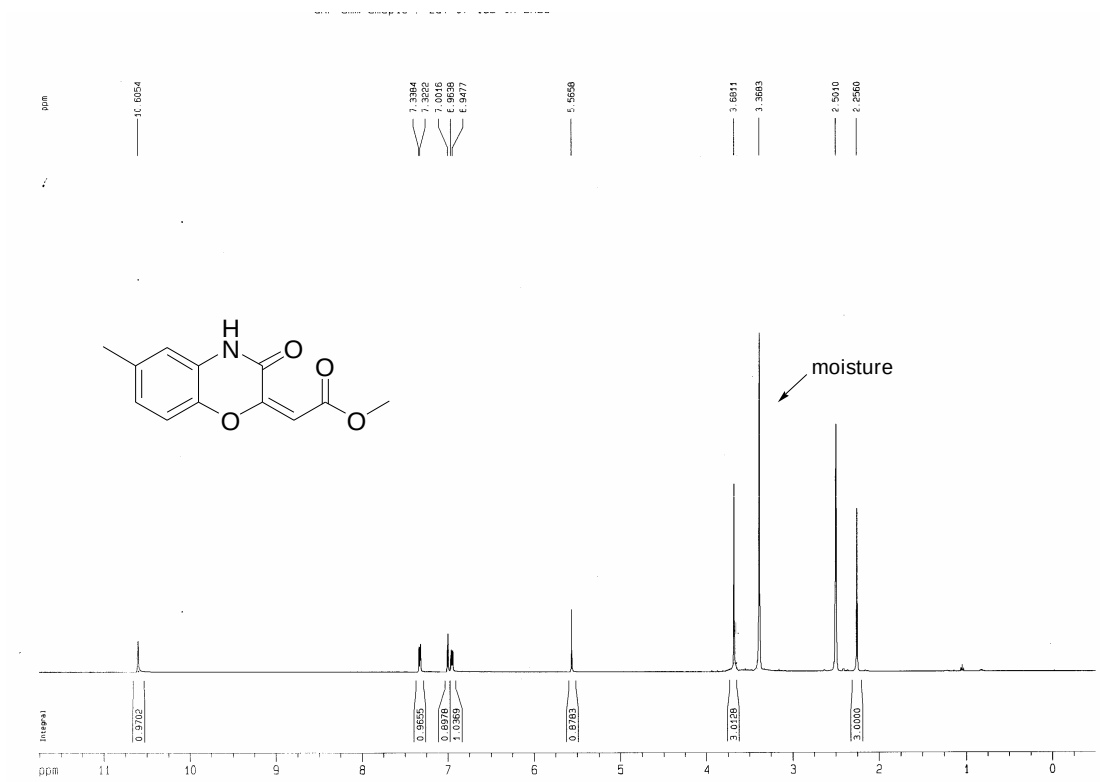
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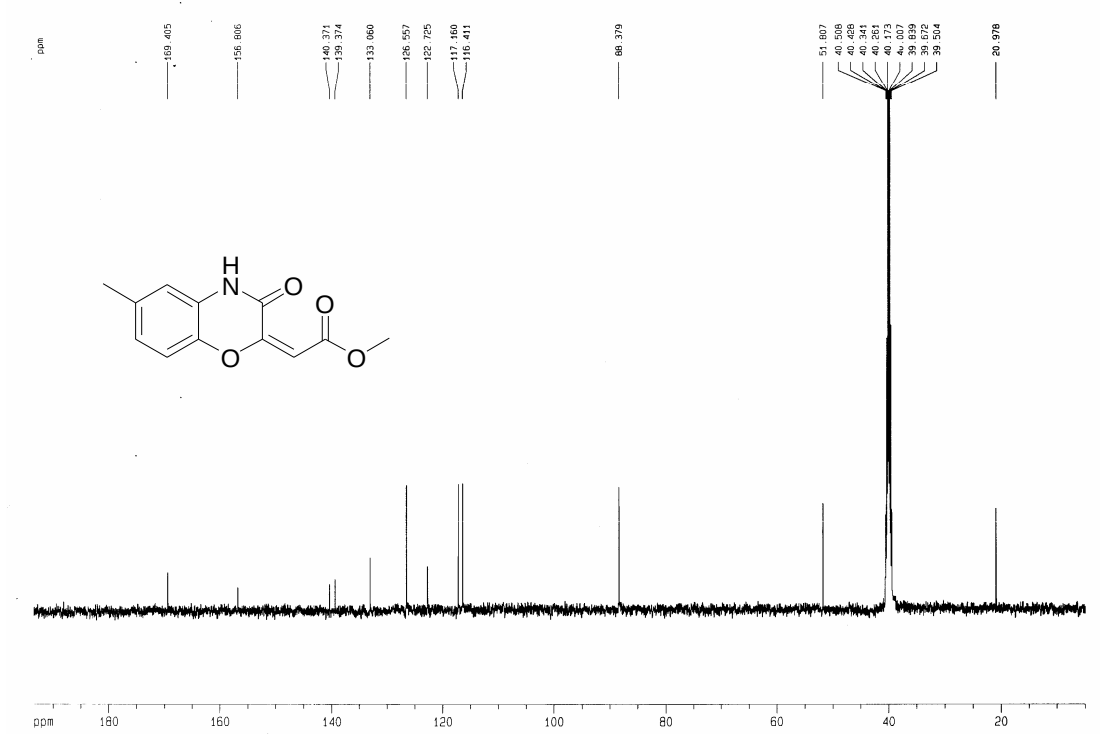
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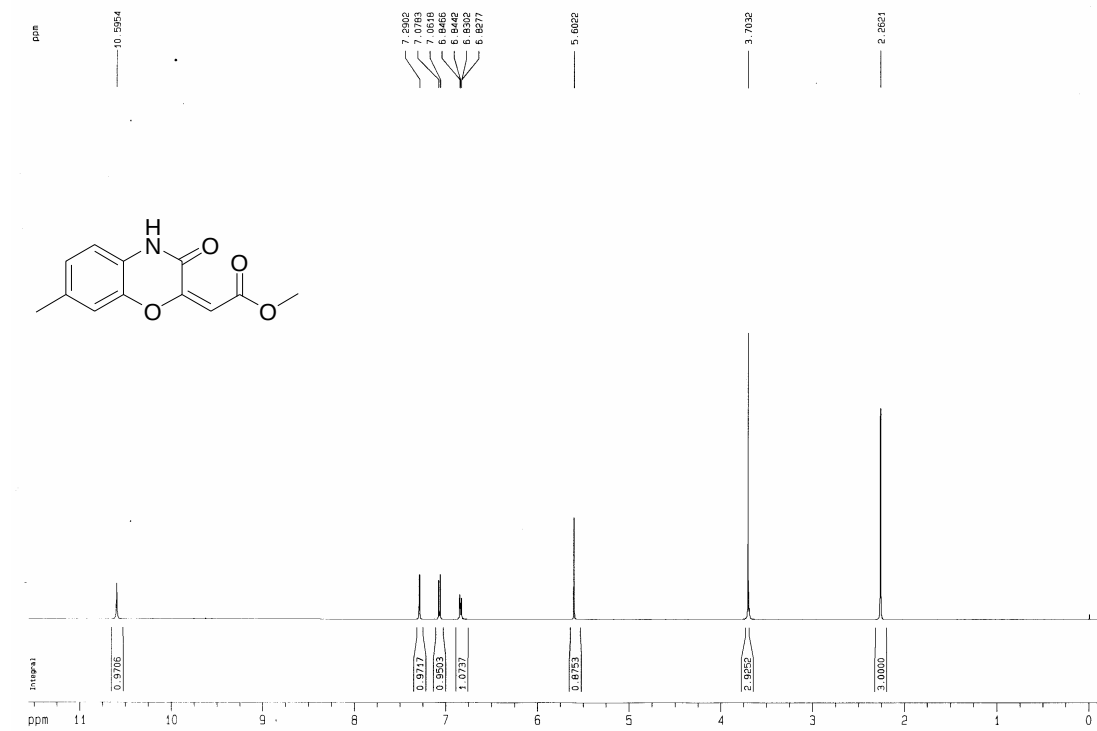
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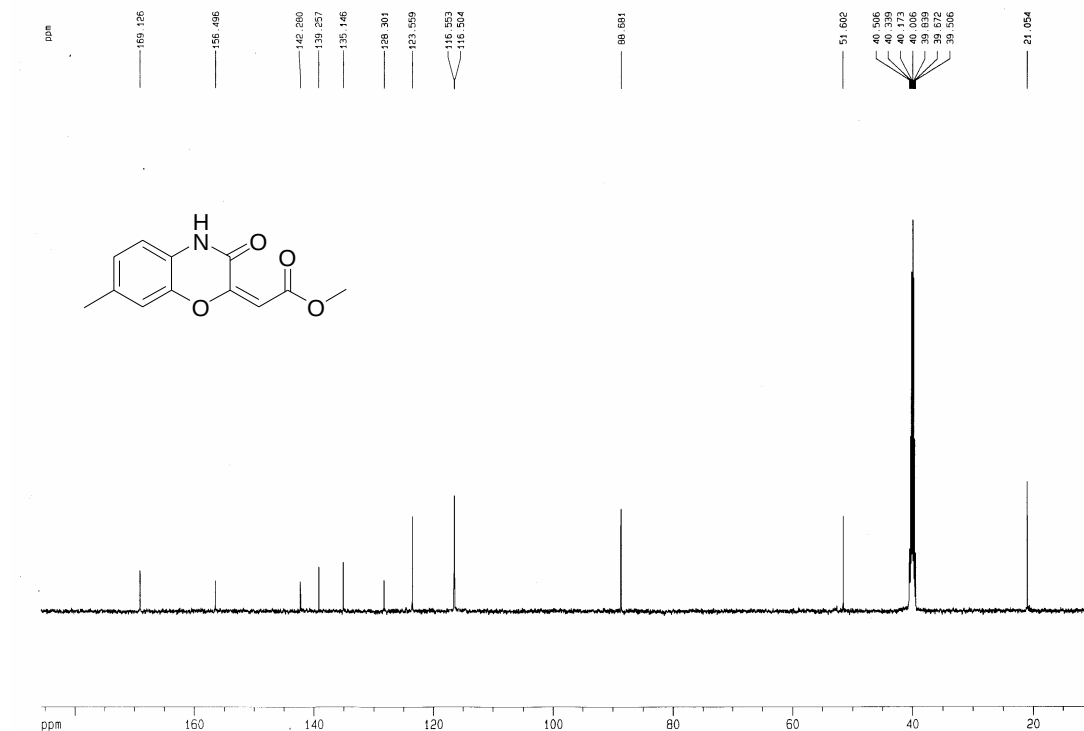
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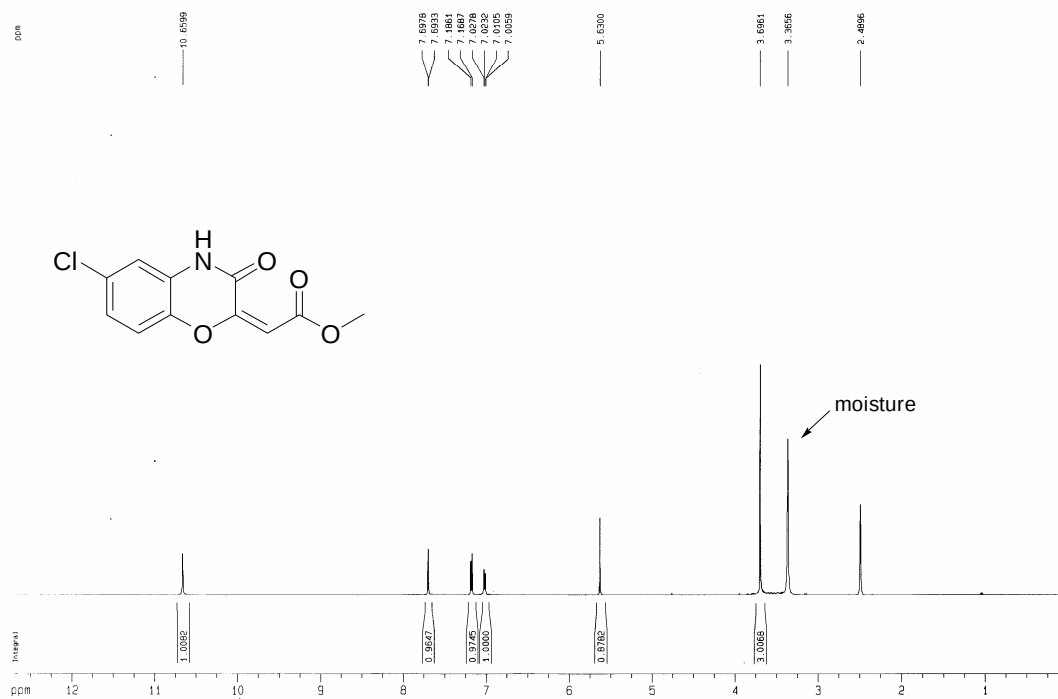
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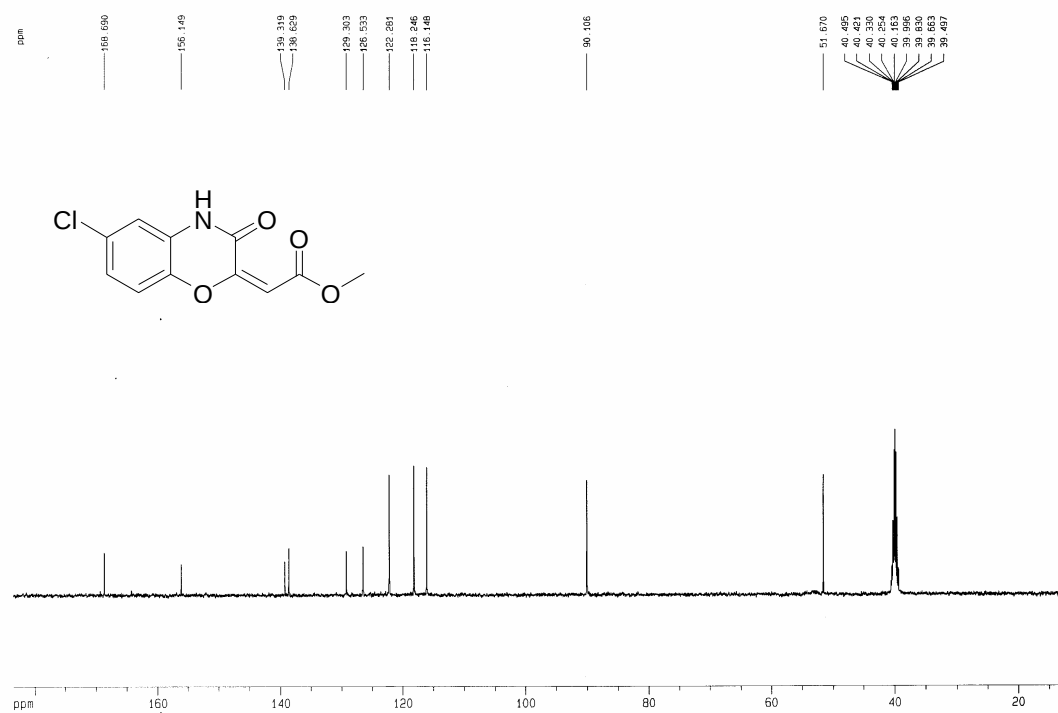
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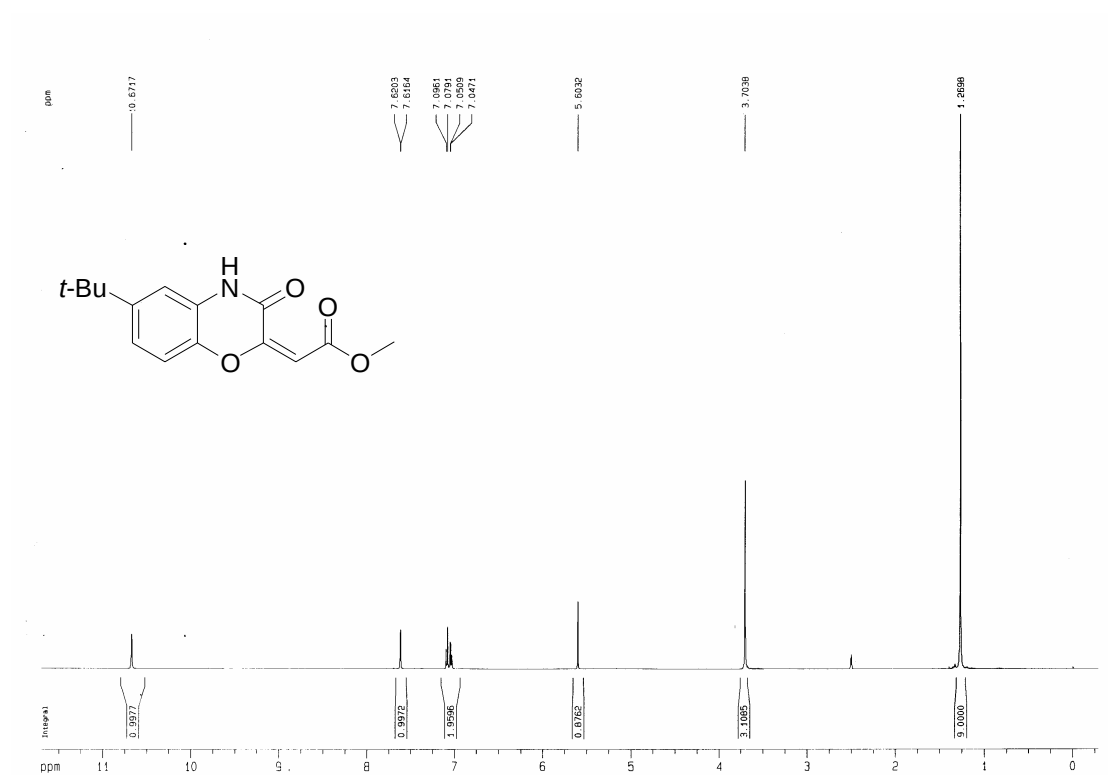
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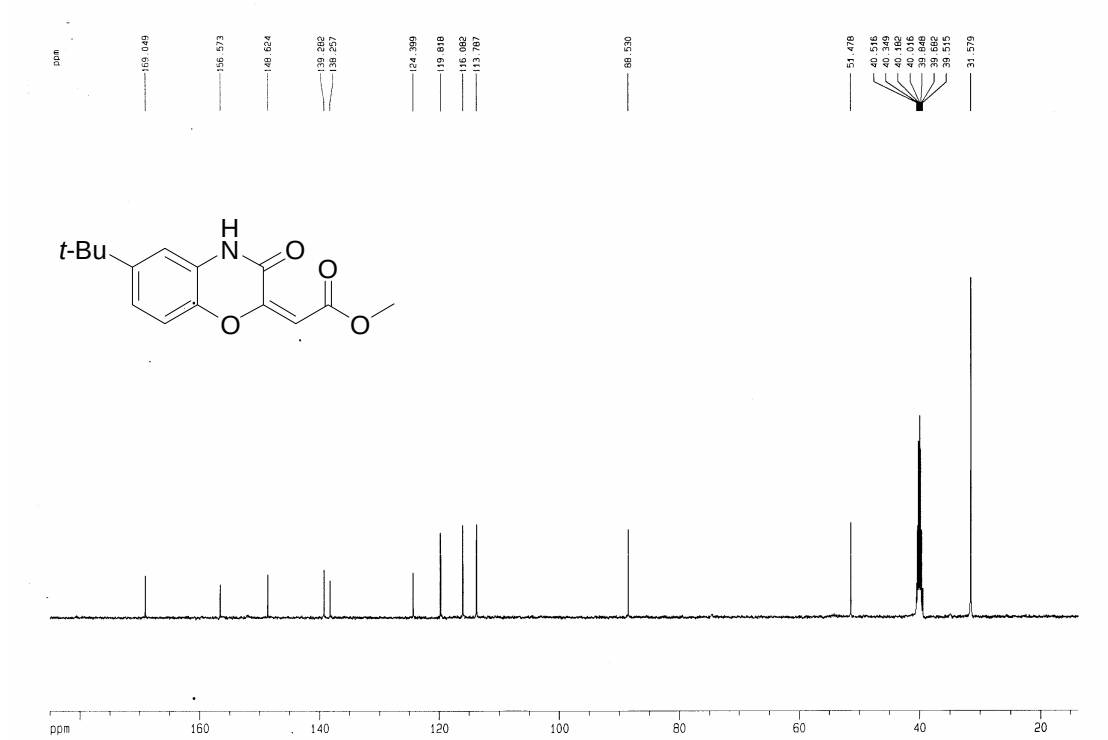
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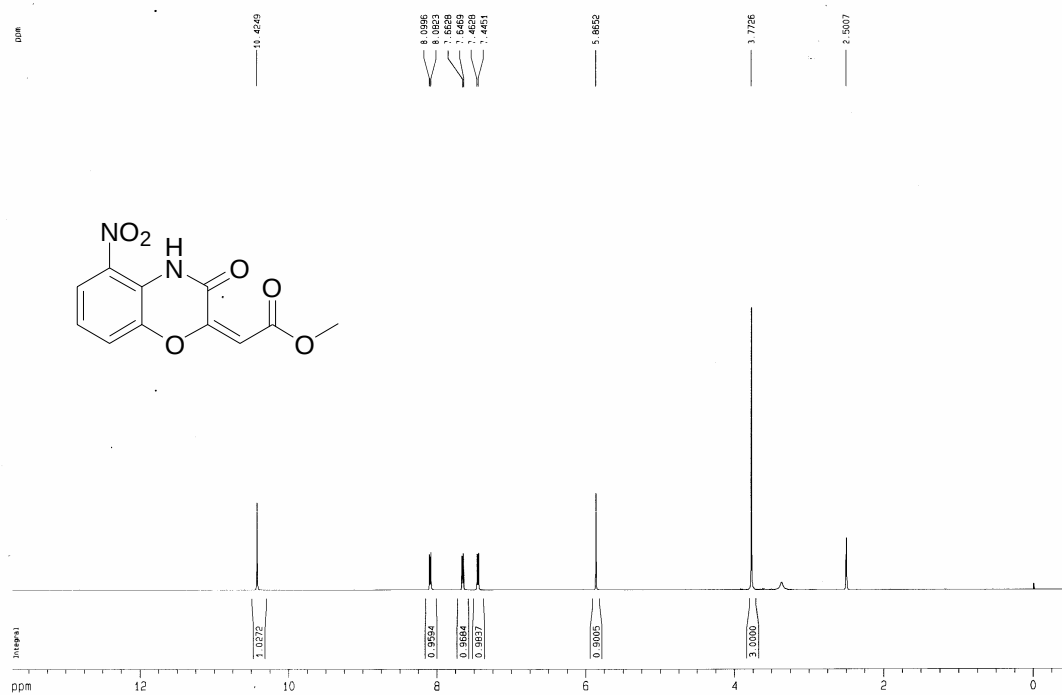
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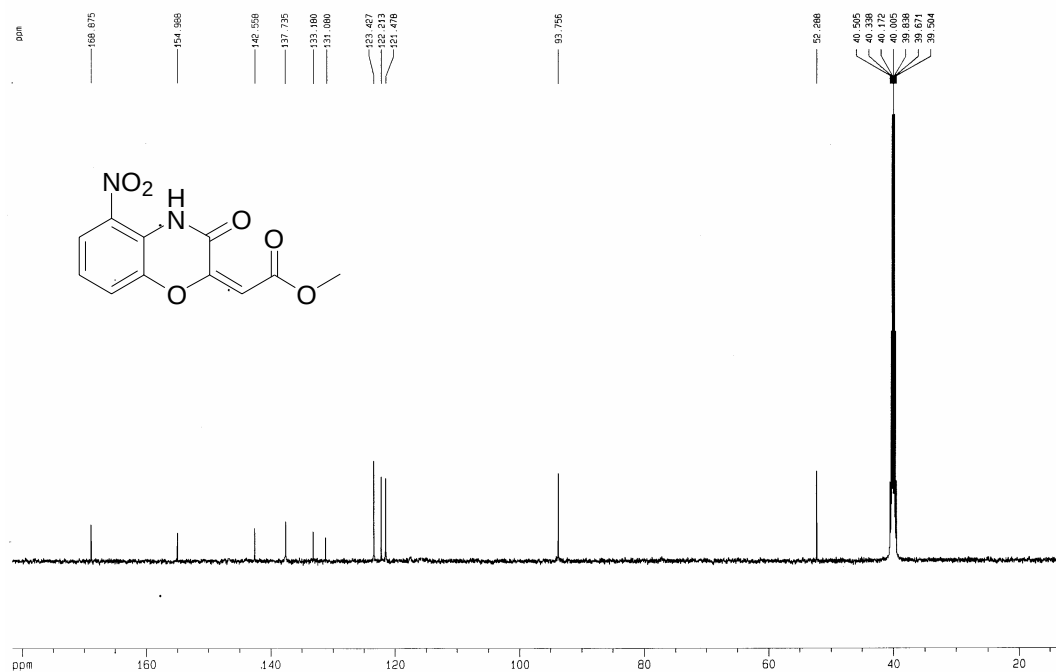
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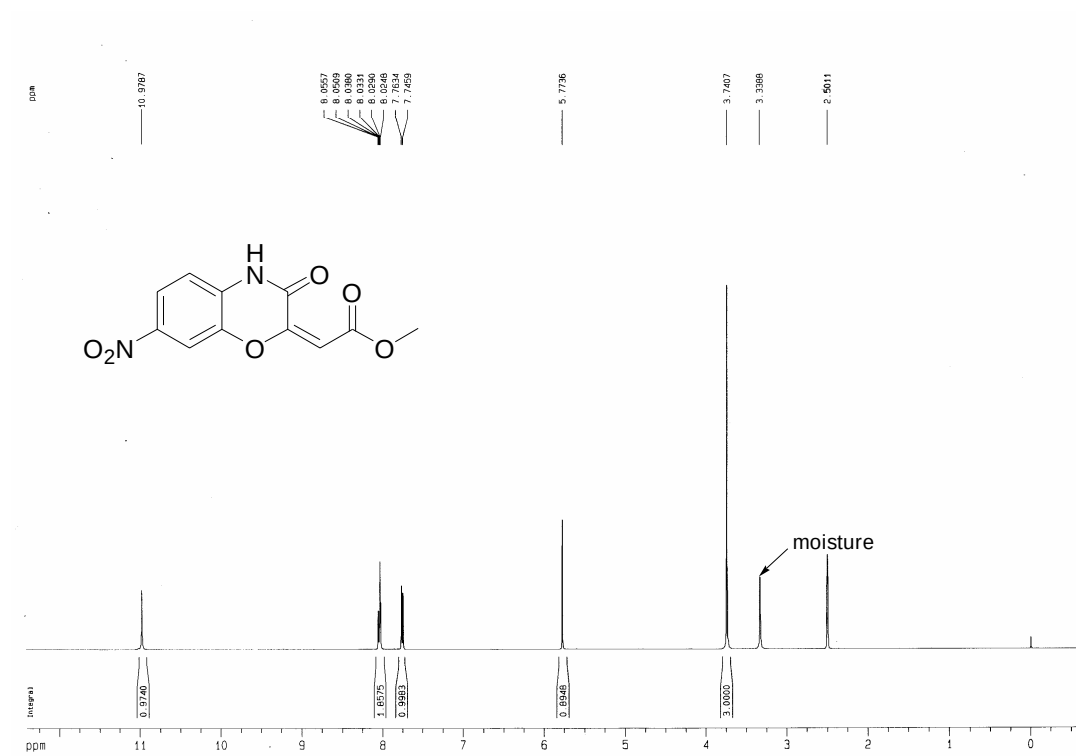
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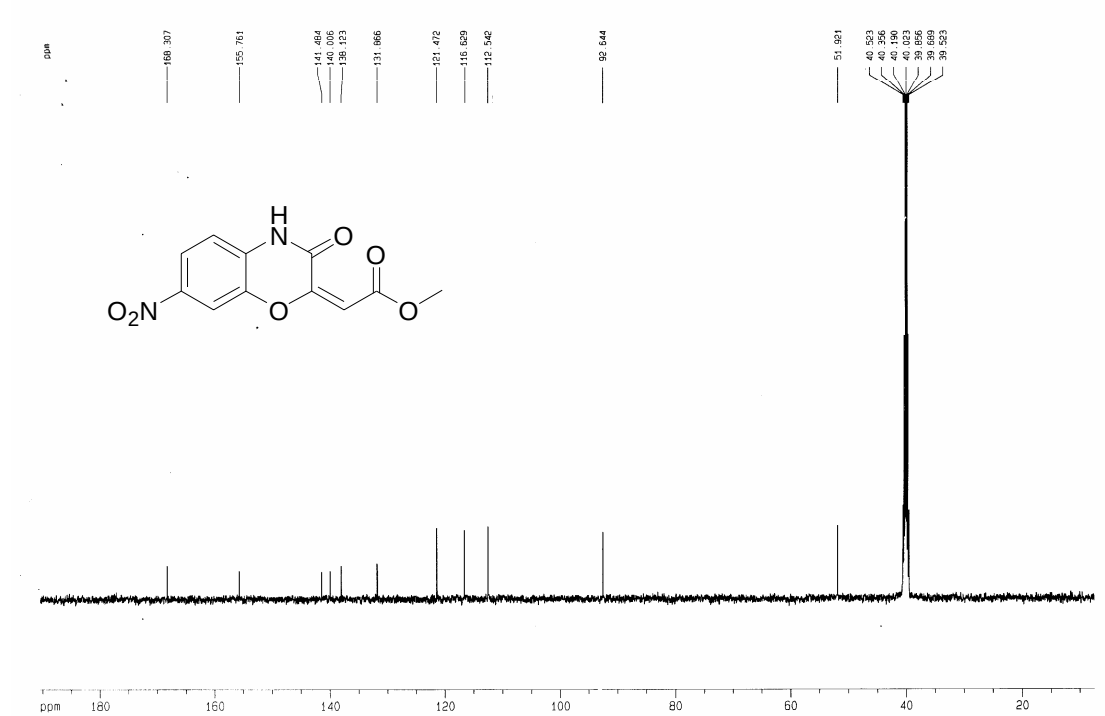
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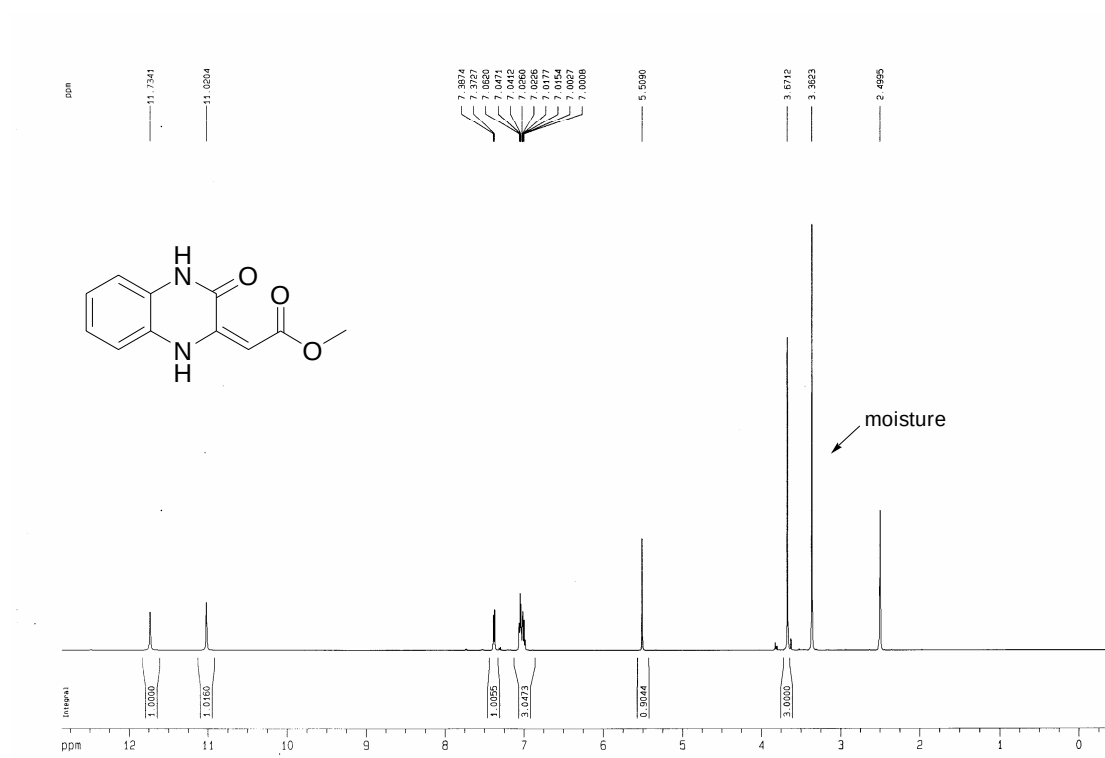
¹H NMR spectrum of **3I**



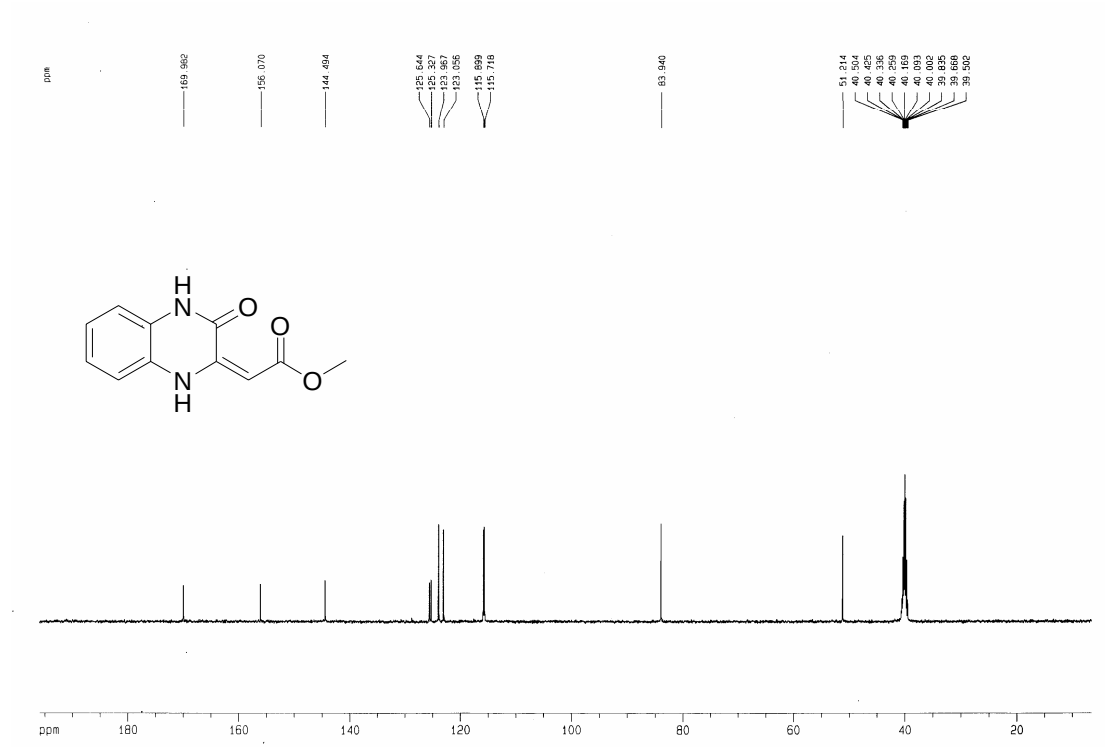
¹³C NMR spectrum of **3I**



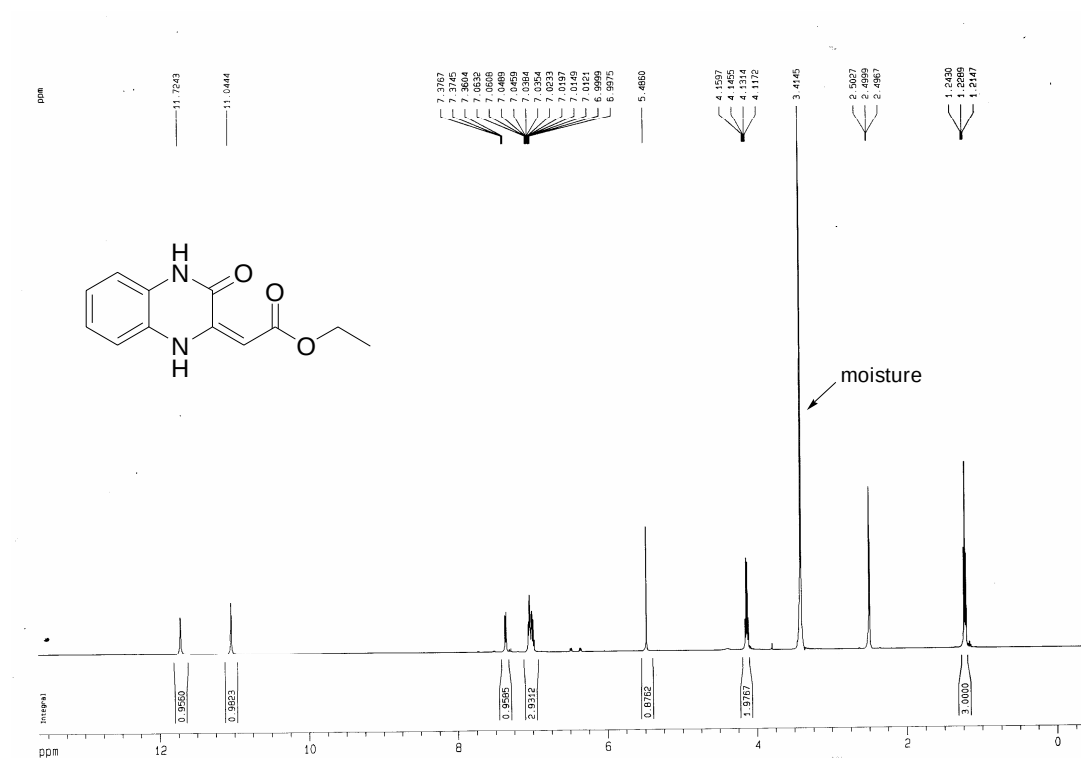
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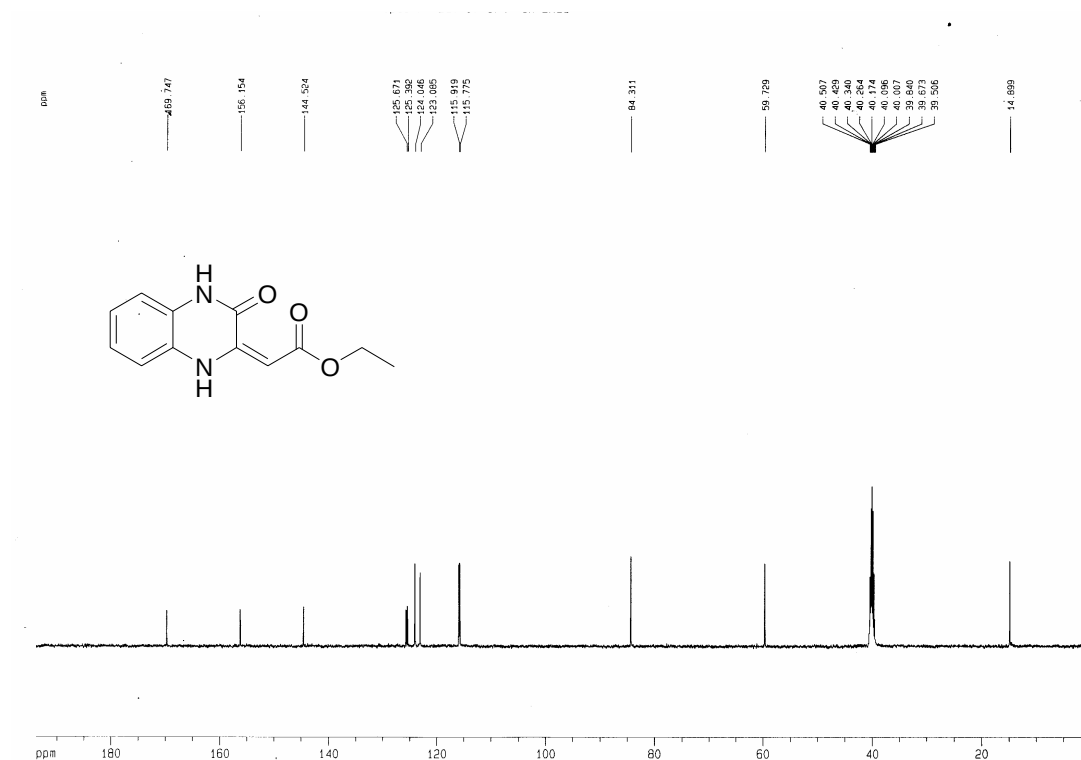
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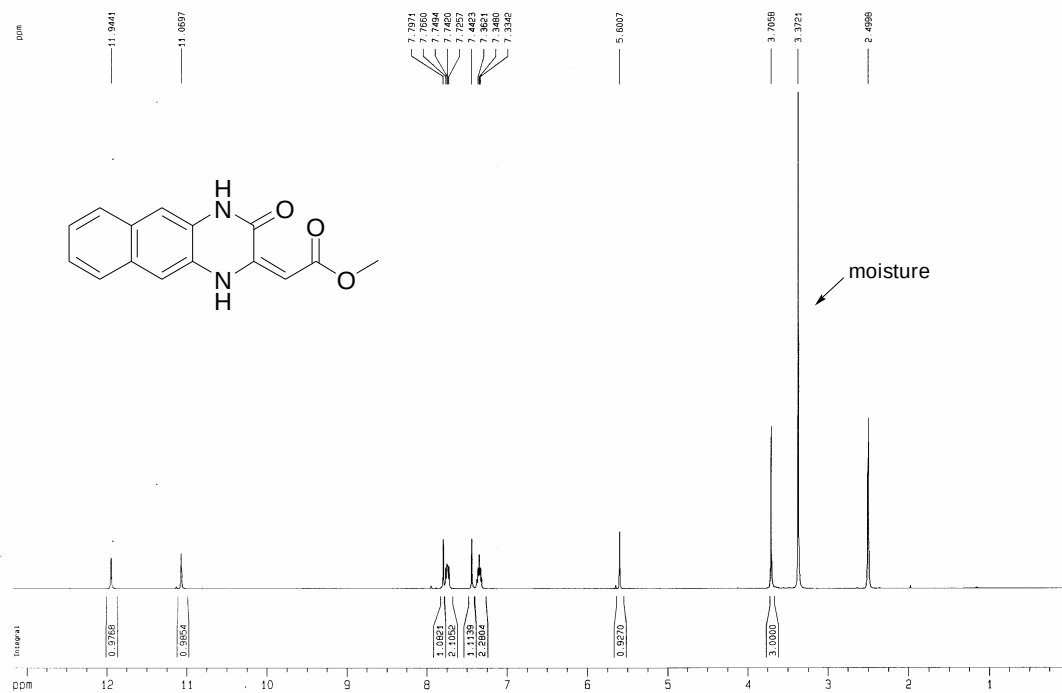
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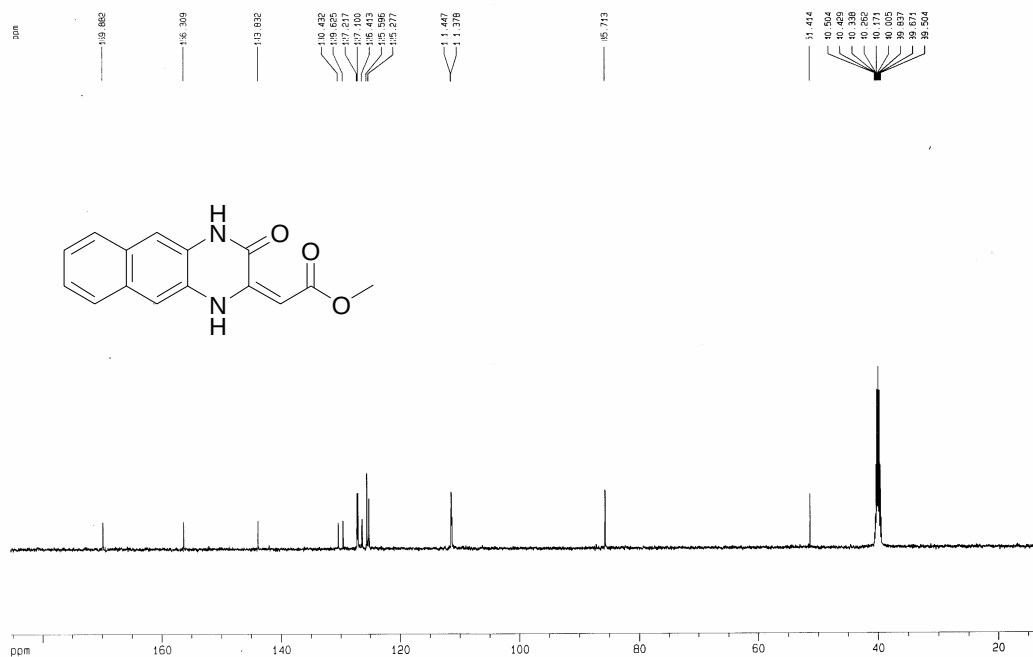
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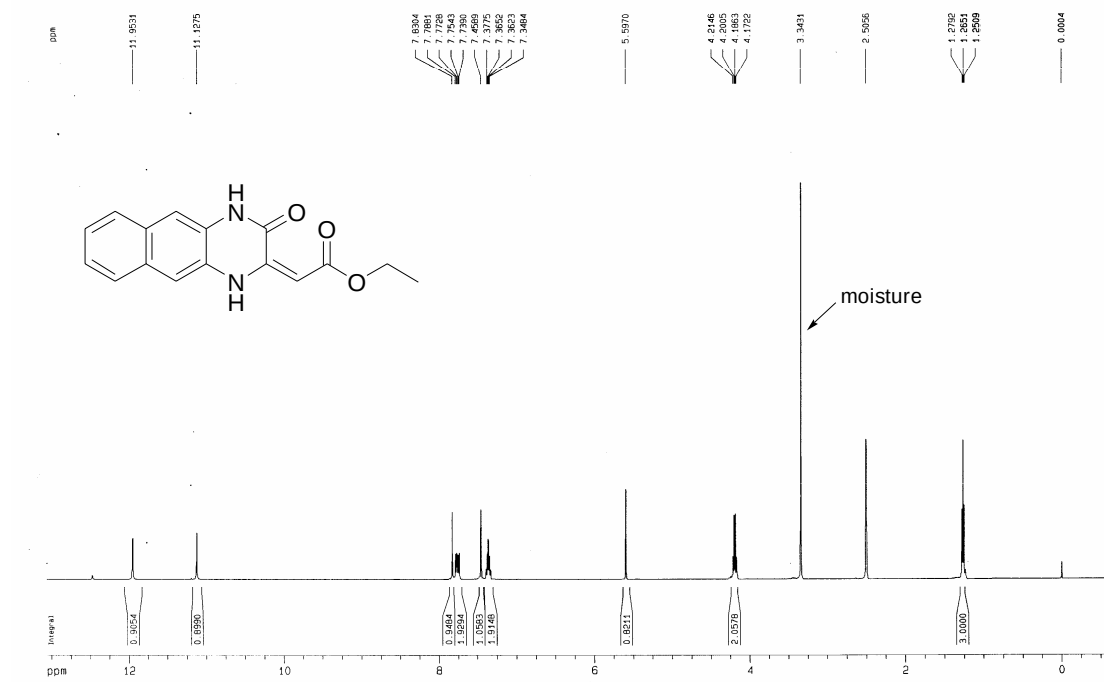
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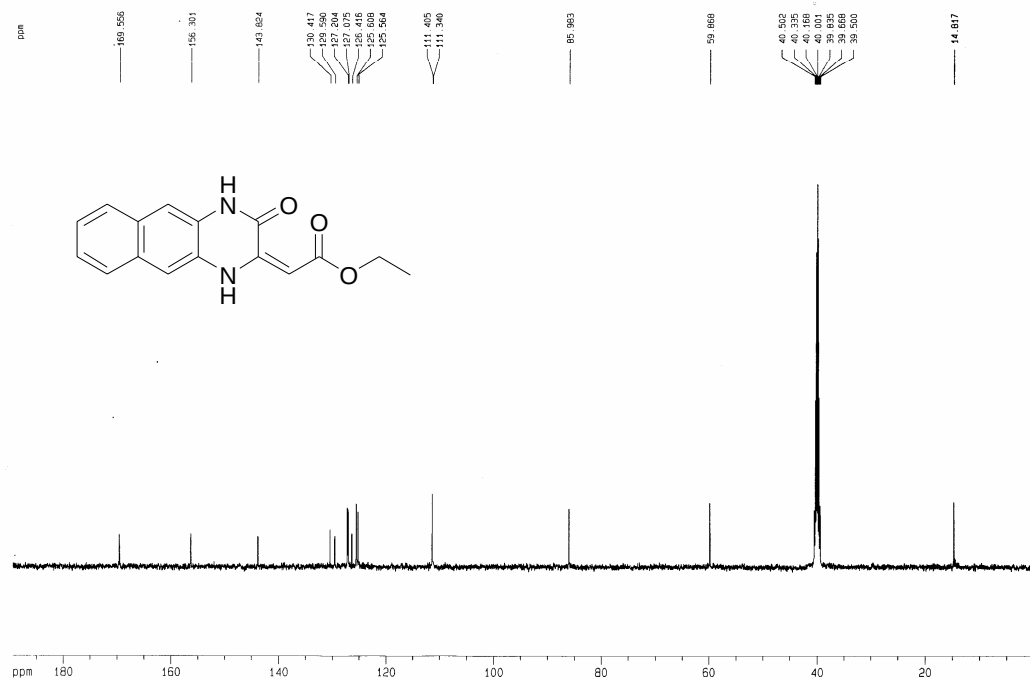
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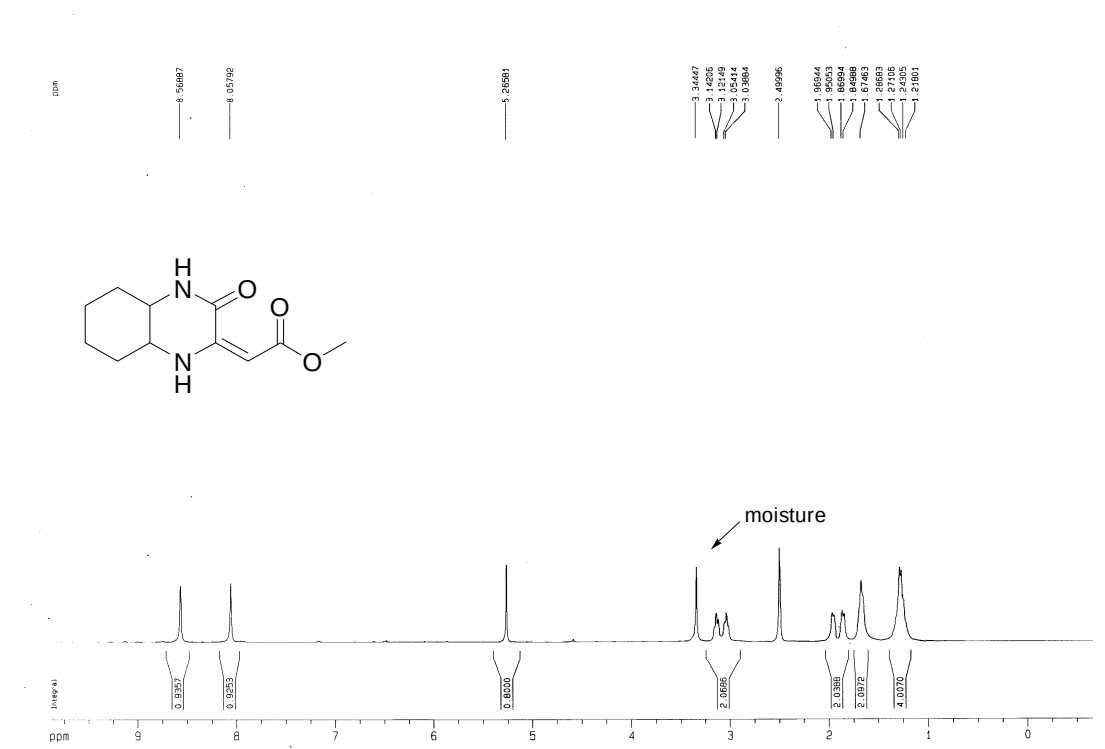
^1H NMR spectrum of **3q**



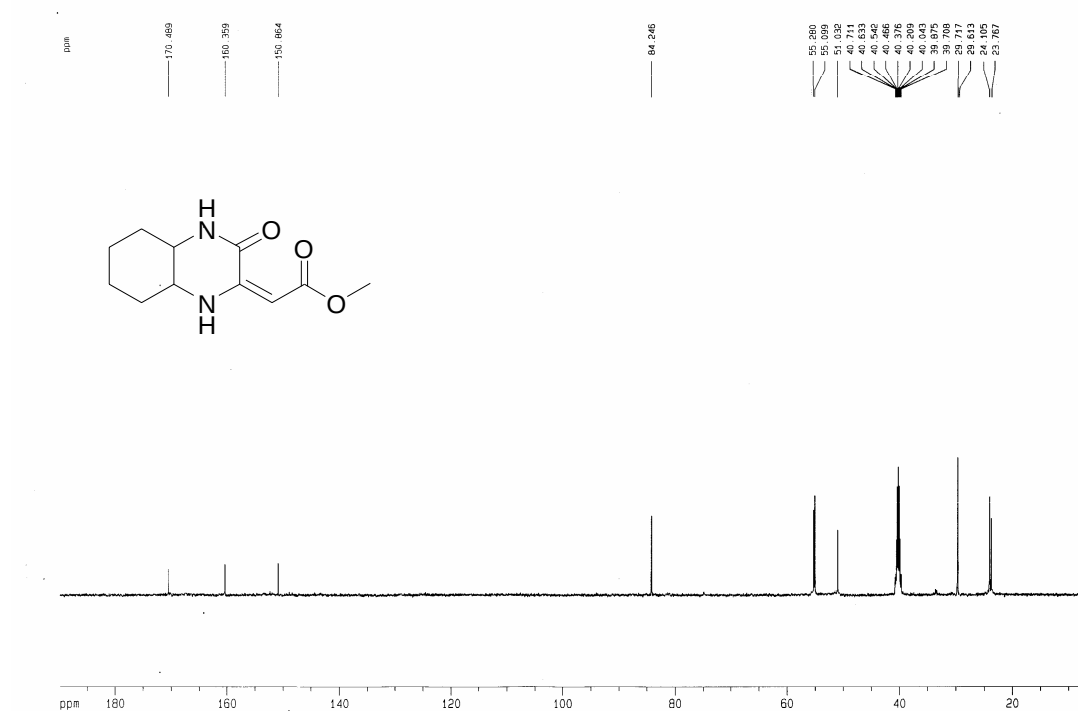
^{13}C NMR spectrum of **3q**



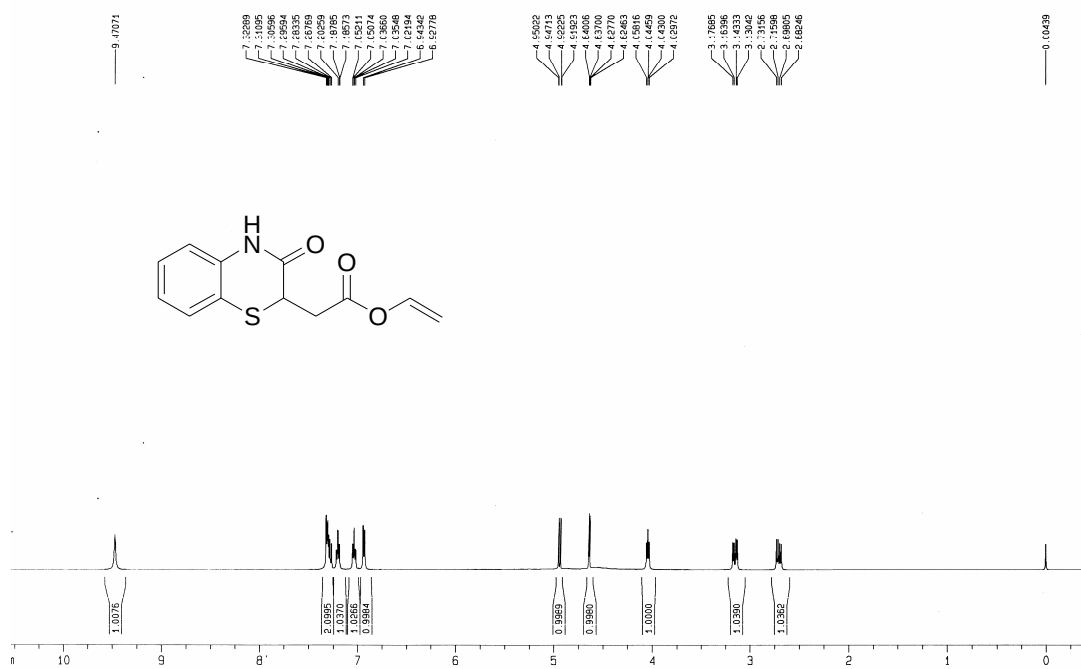
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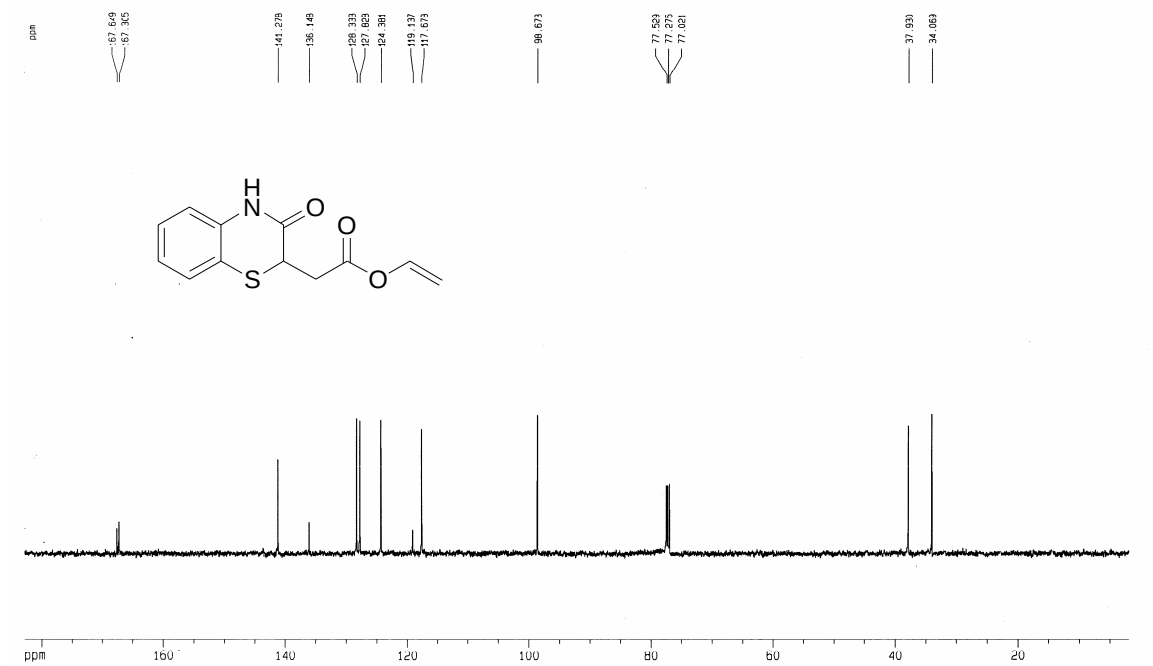
^{13}C NMR spectrum of **3r**



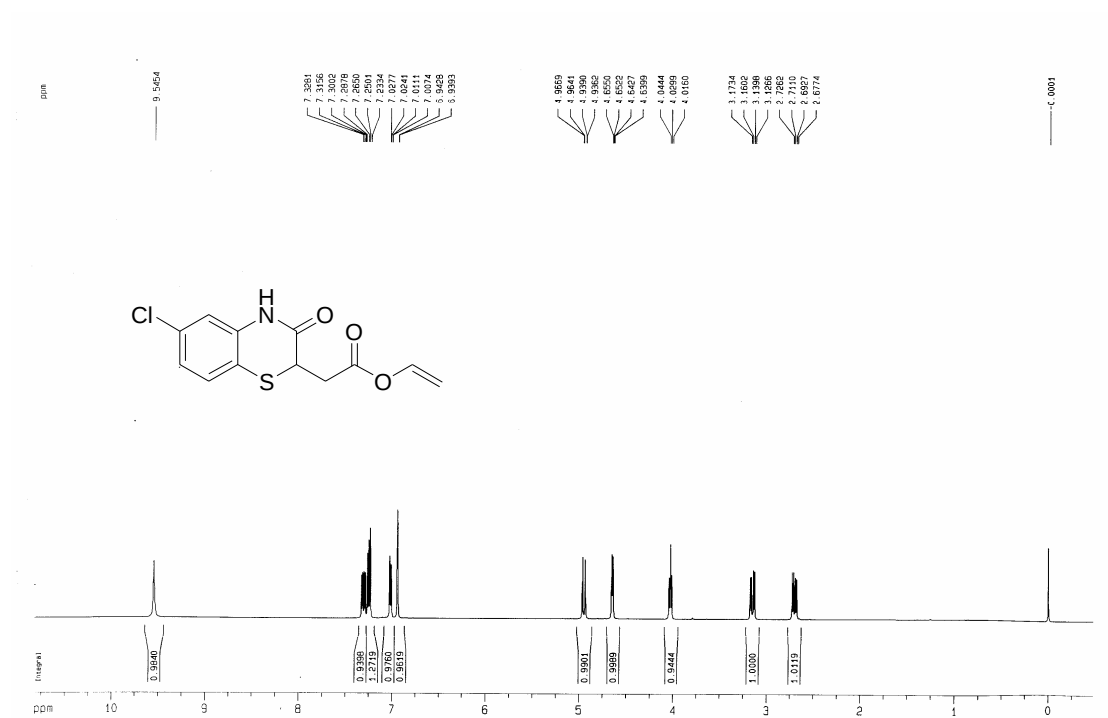
^1H NMR spectrum of **5a**



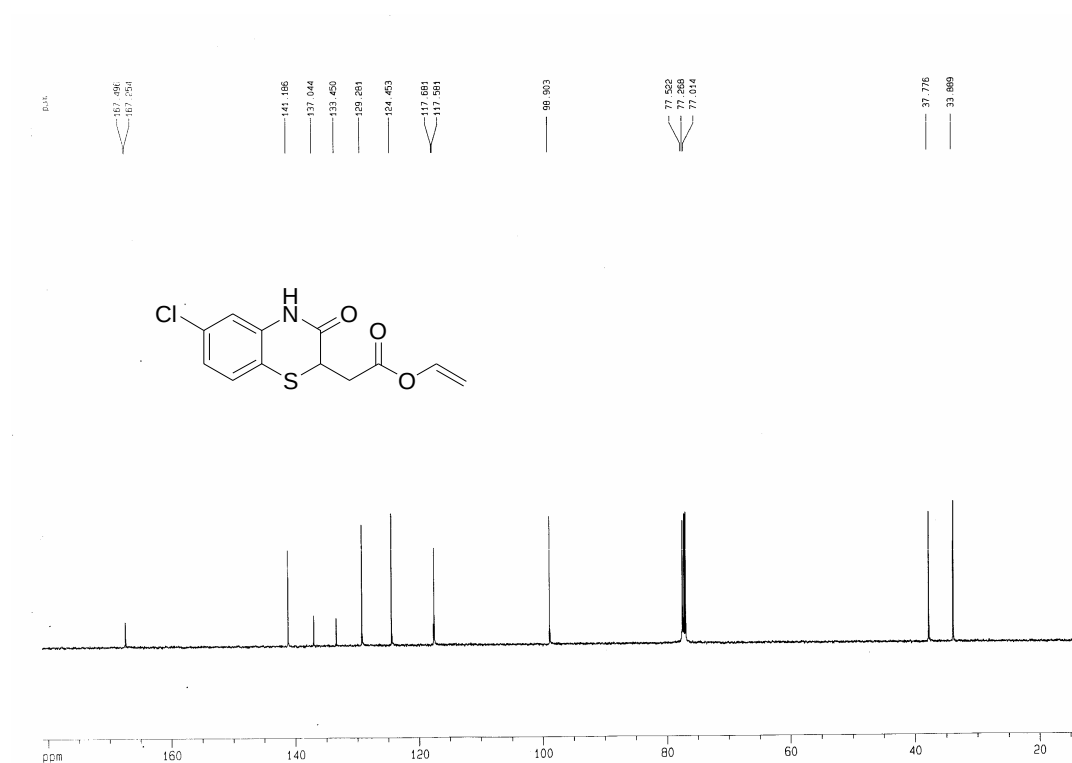
^{13}C NMR spectrum of **5a**



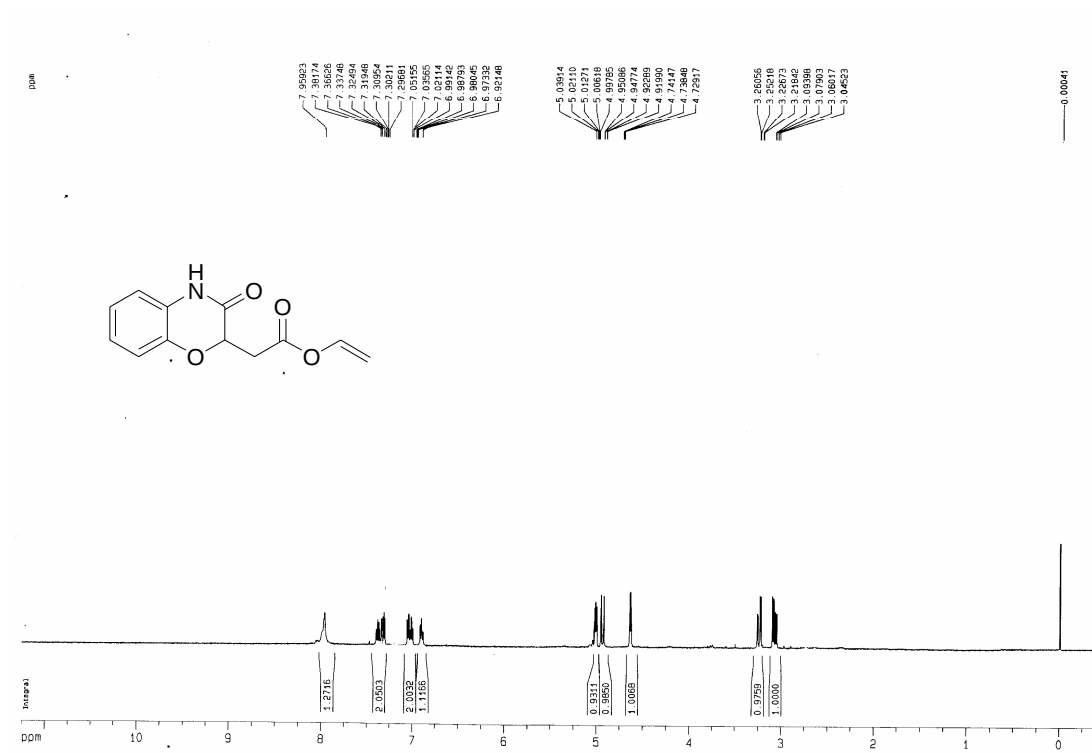
^1H NMR spectrum of **5b**



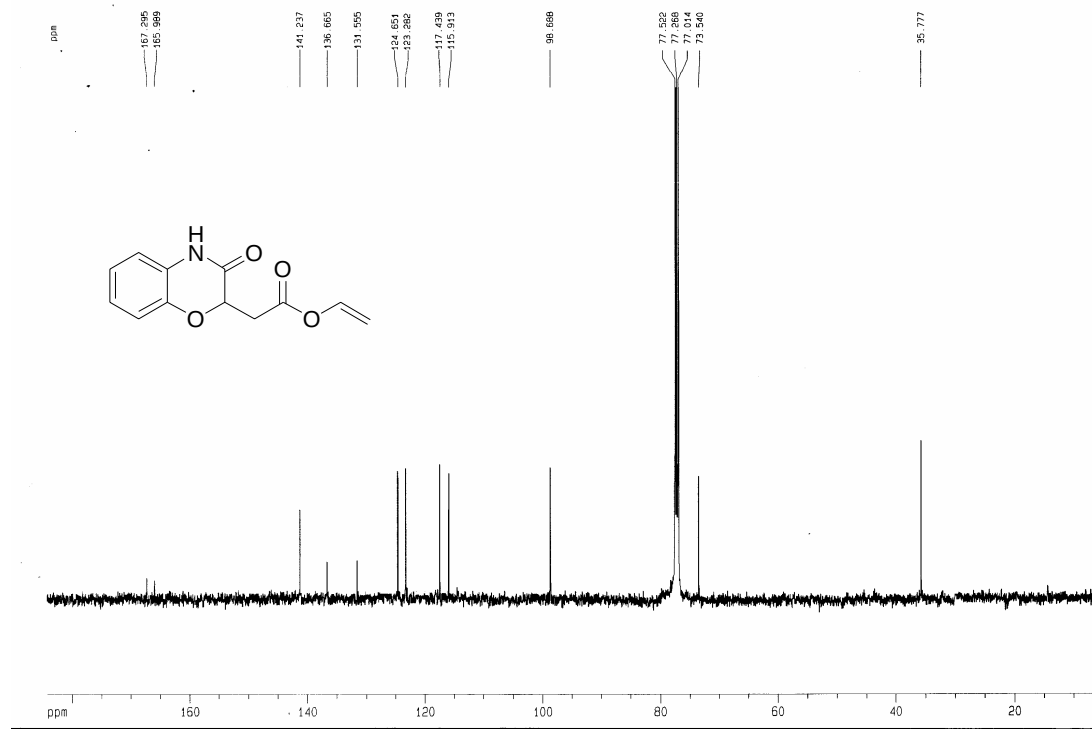
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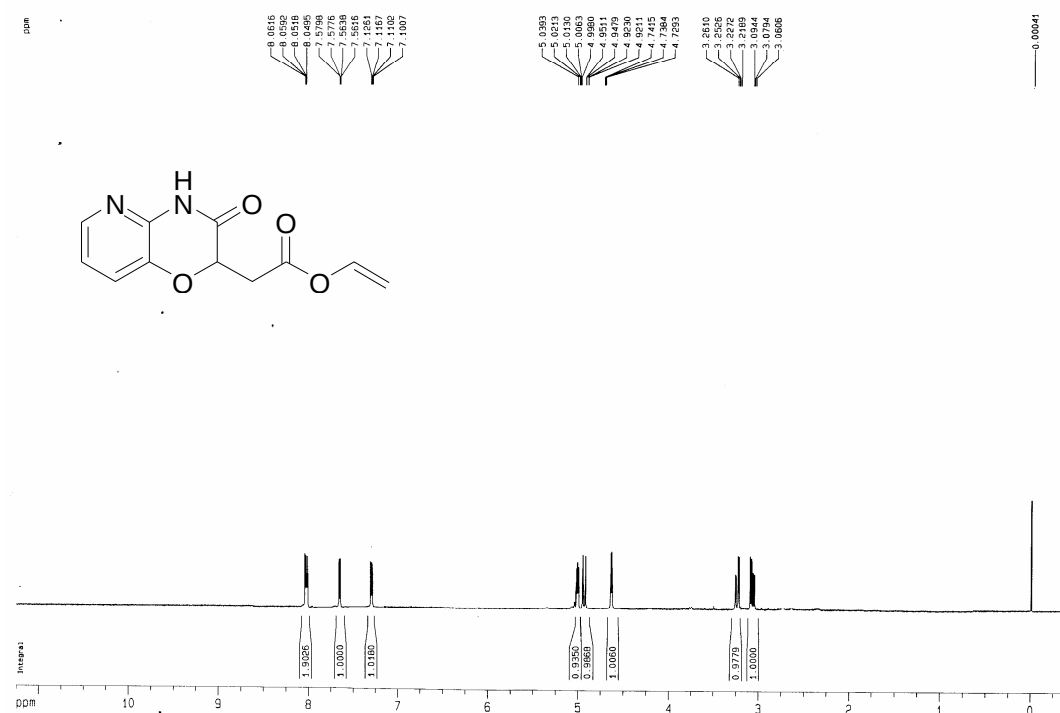
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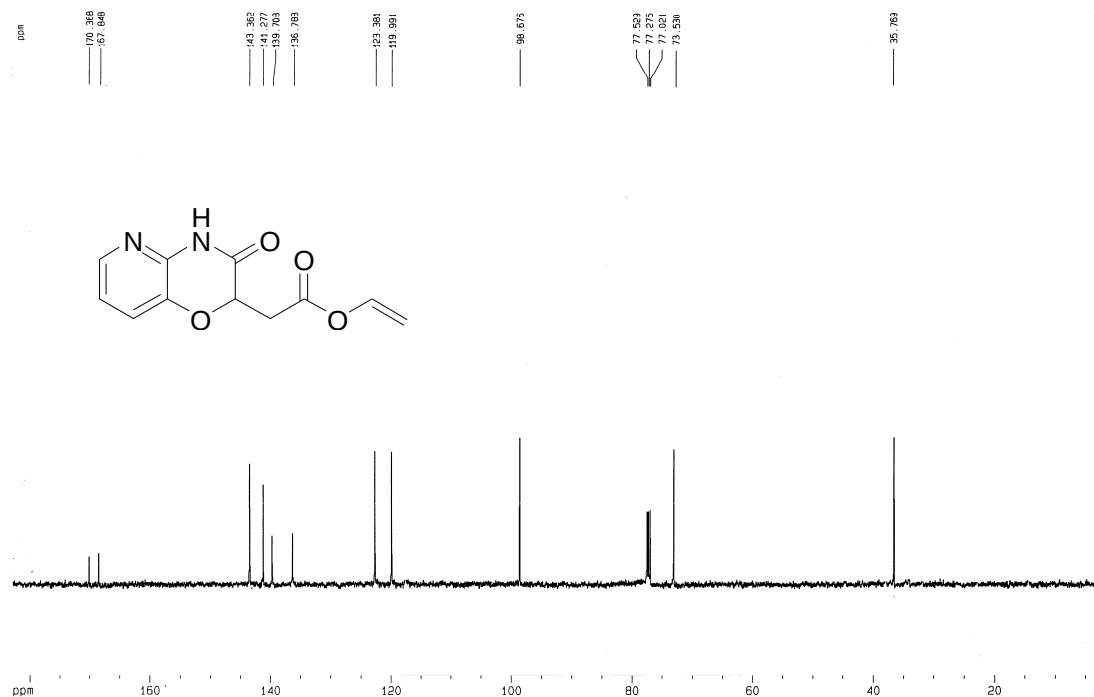
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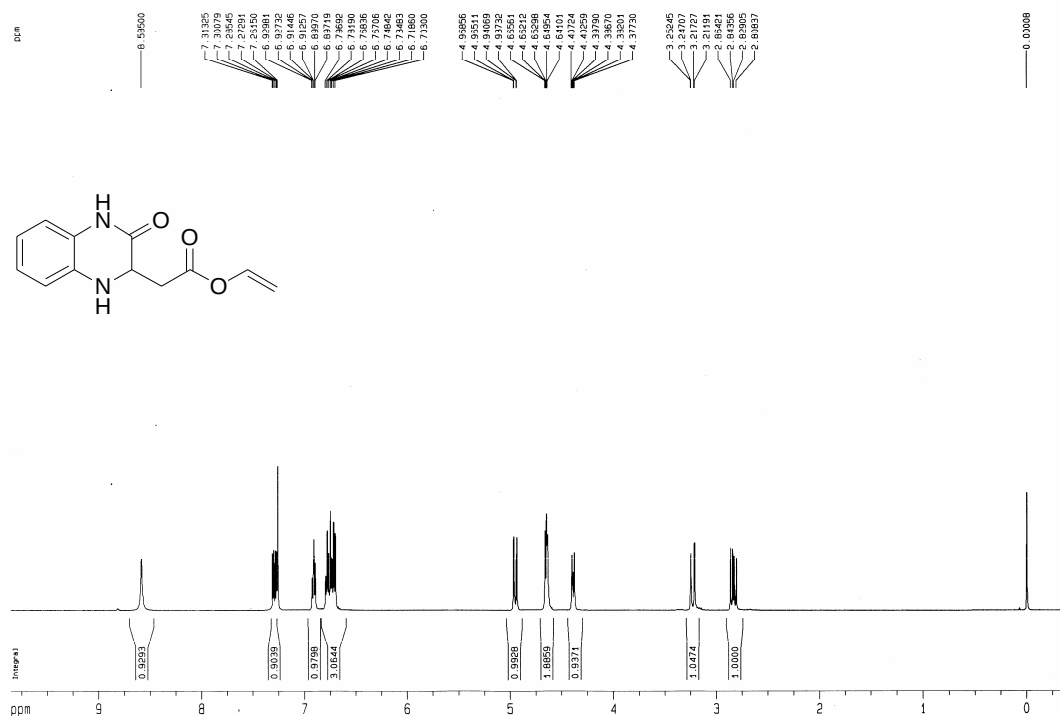
^1H NMR spectrum of **5d**



^{13}C NMR spectrum of **5d**



^1H NMR spectrum of **5e**



^{13}C NMR spectrum of **5e**

