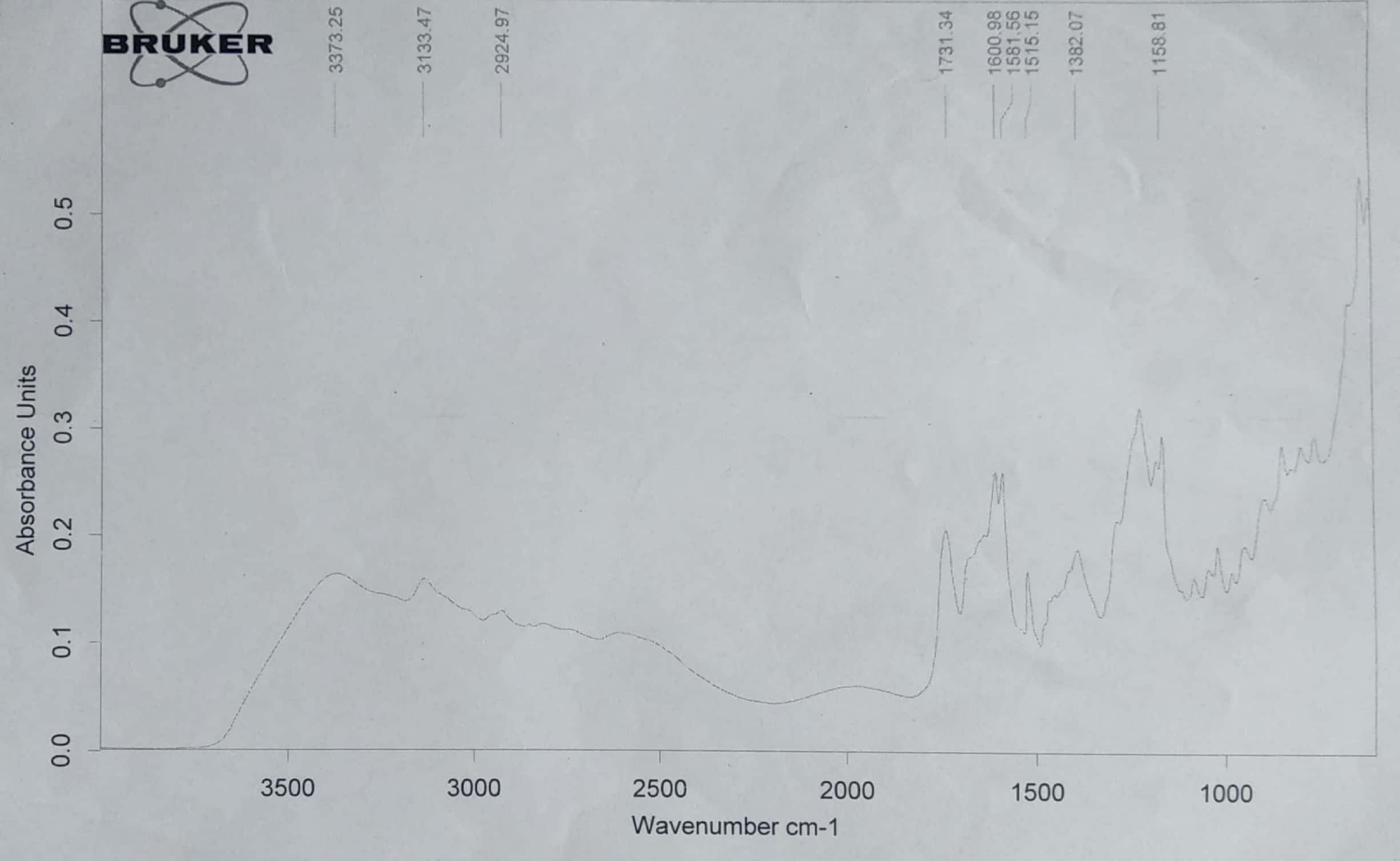
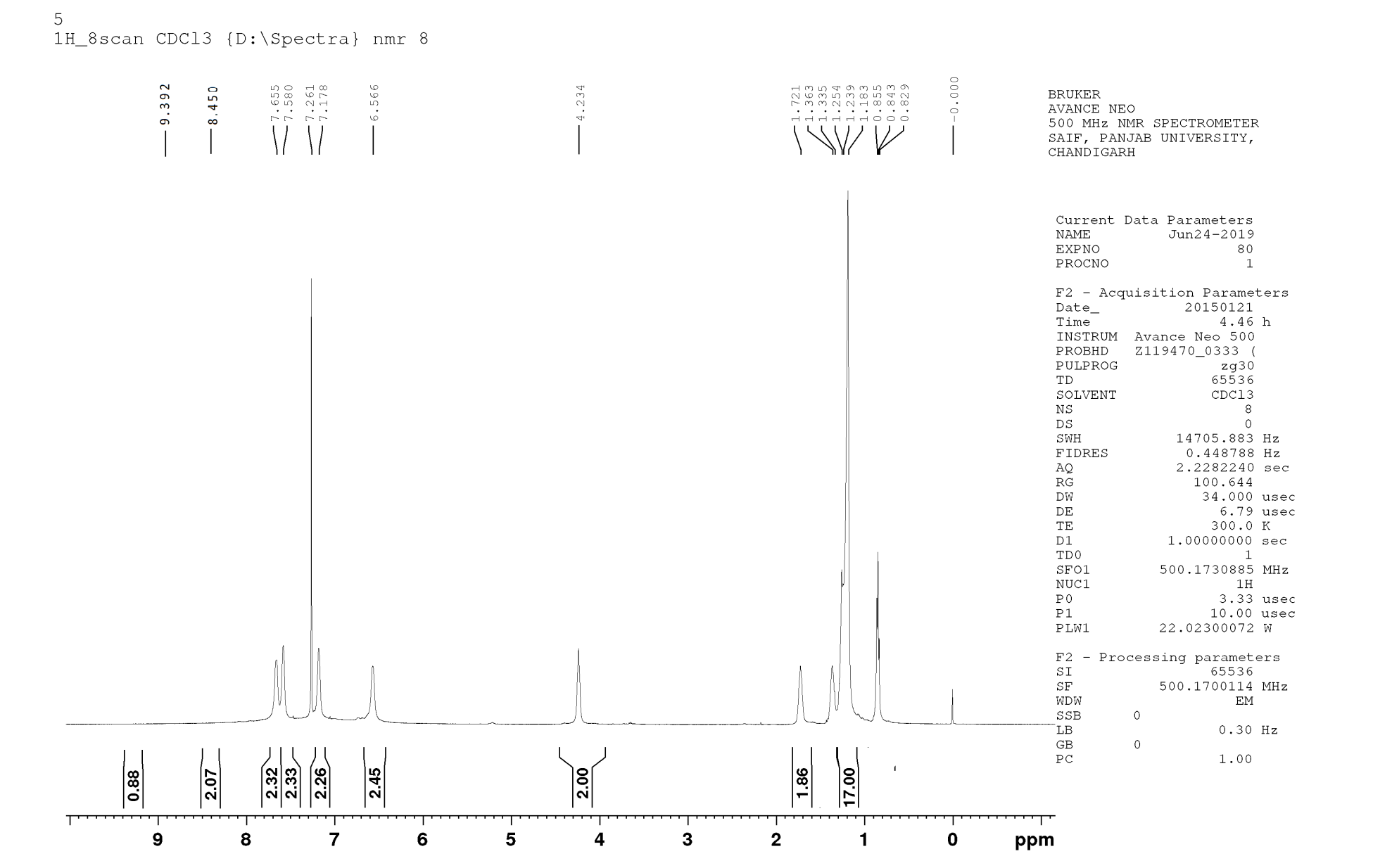


**FTIR spectrum of intermediate 1c**



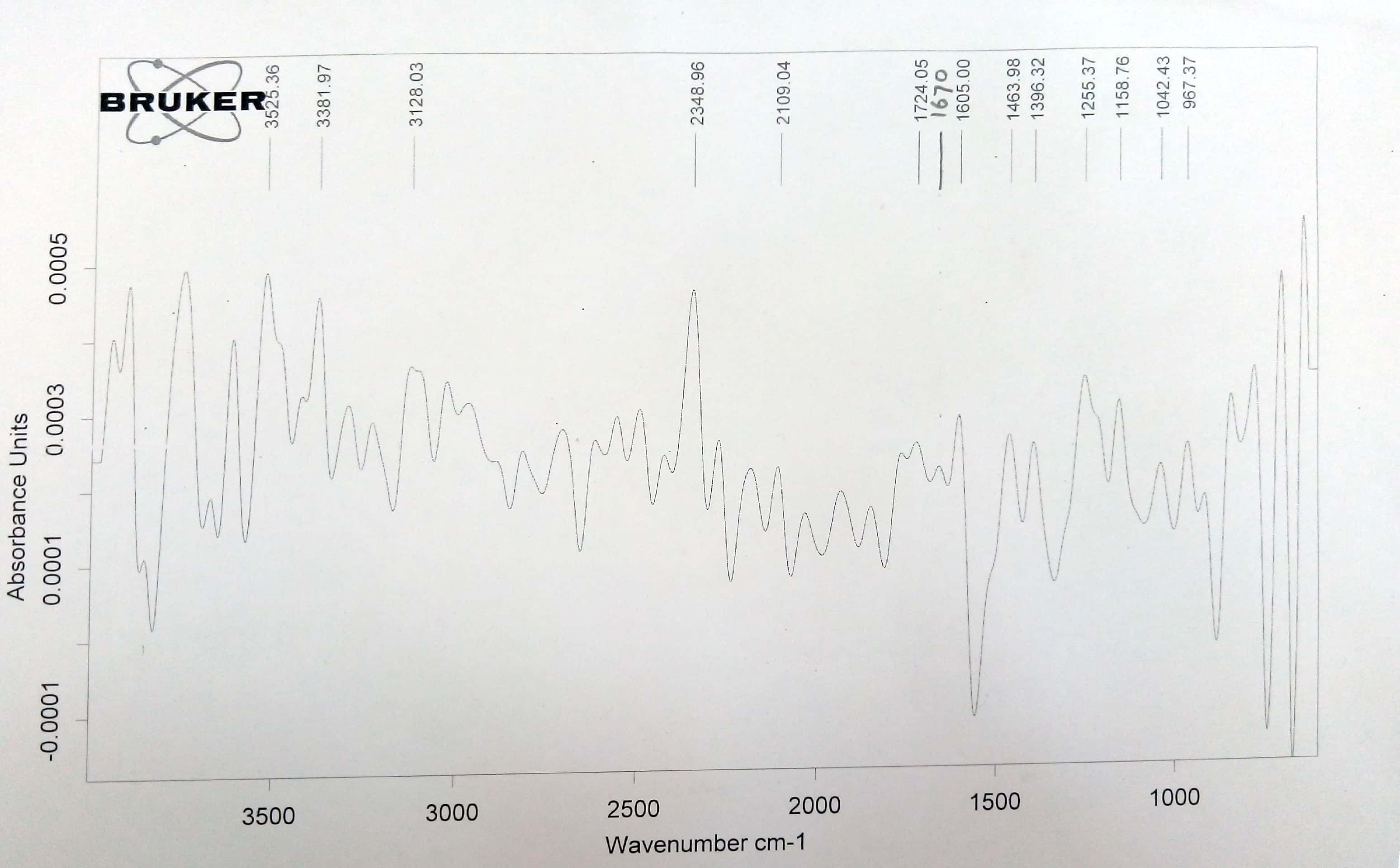
**FTIR spectrum of compound 1**

****

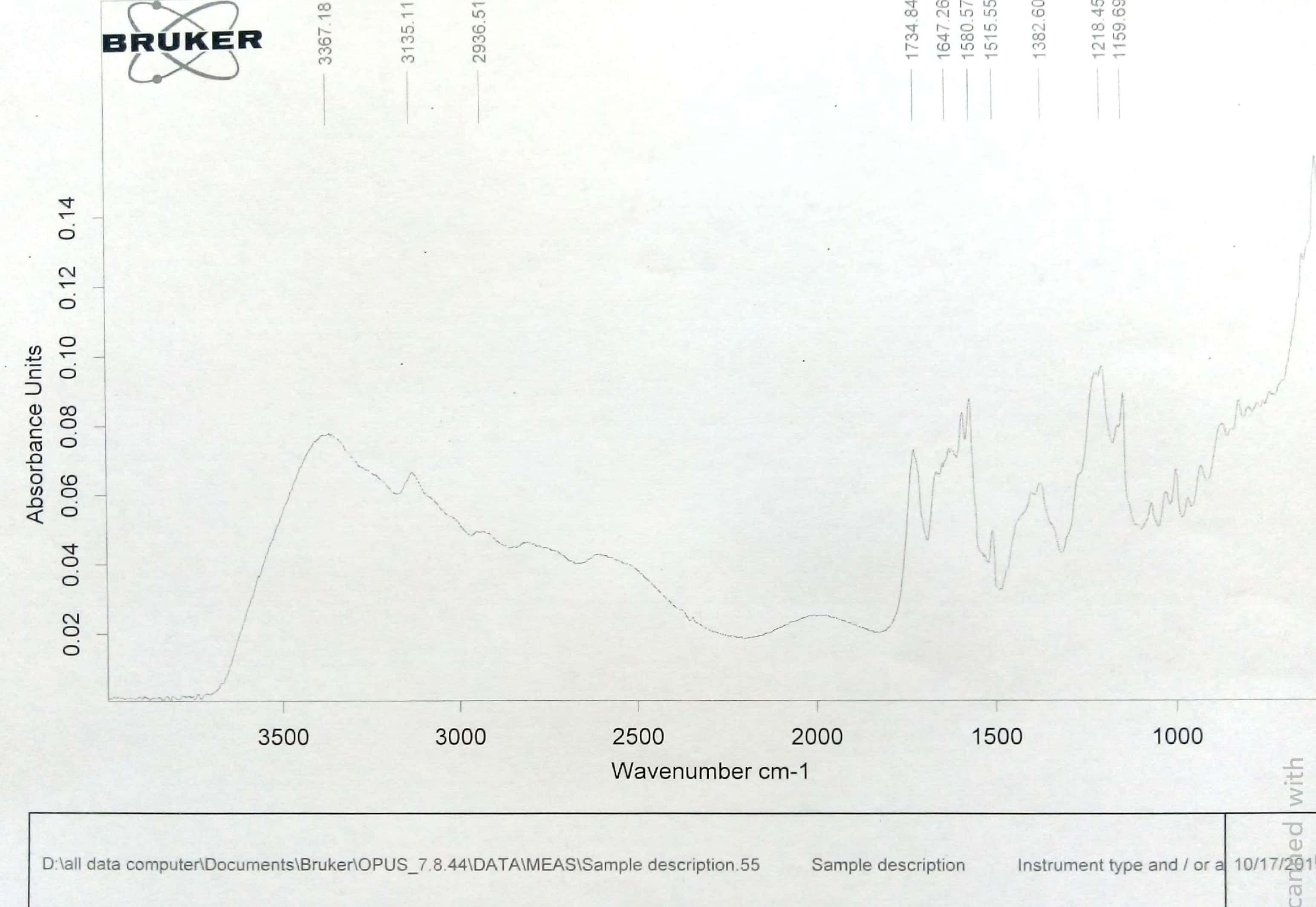
**1H NMR spectrum of compound 1**



**Mass spectrum of compound 1**

****

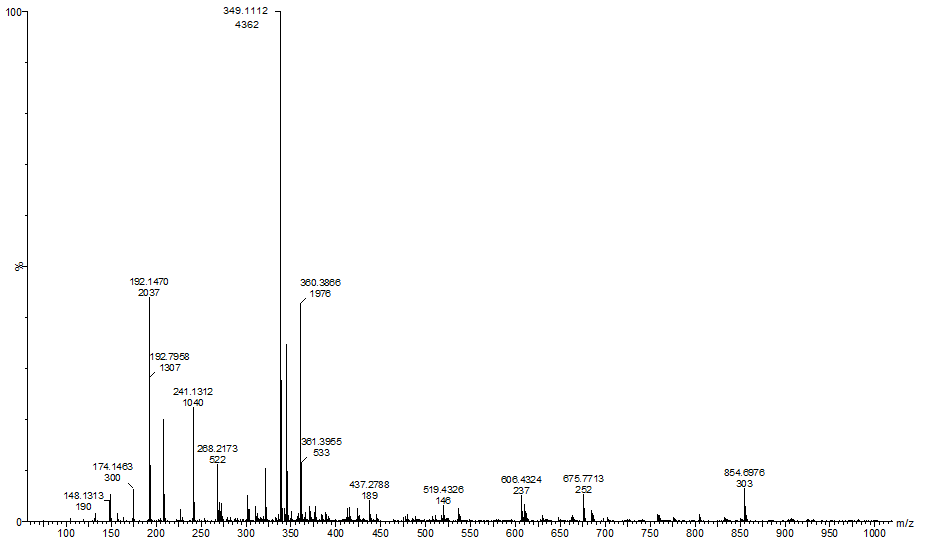
**FTIR spectrum of intermediate 1d**

****

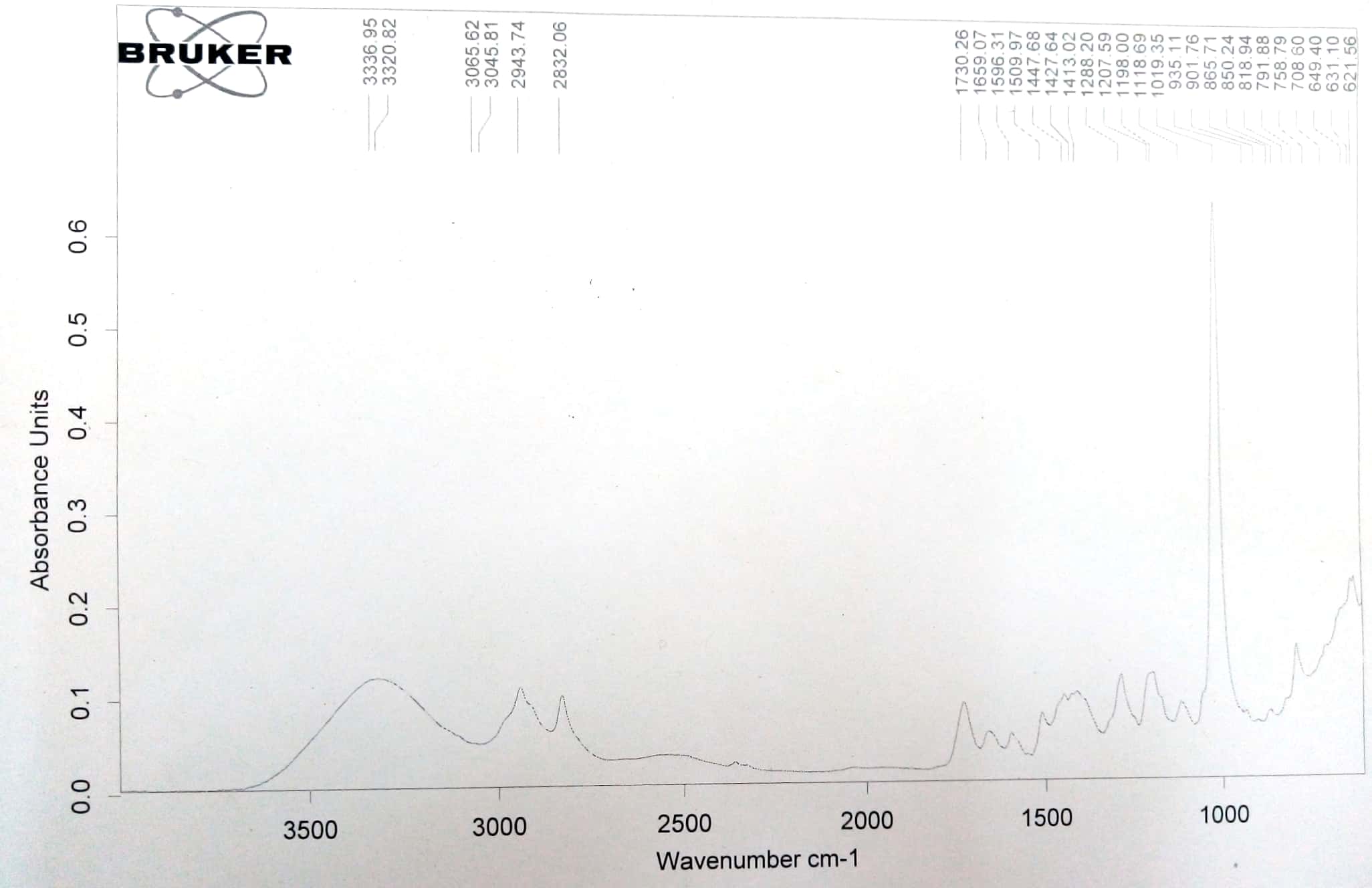
**FTIR spectrum of compound 4**



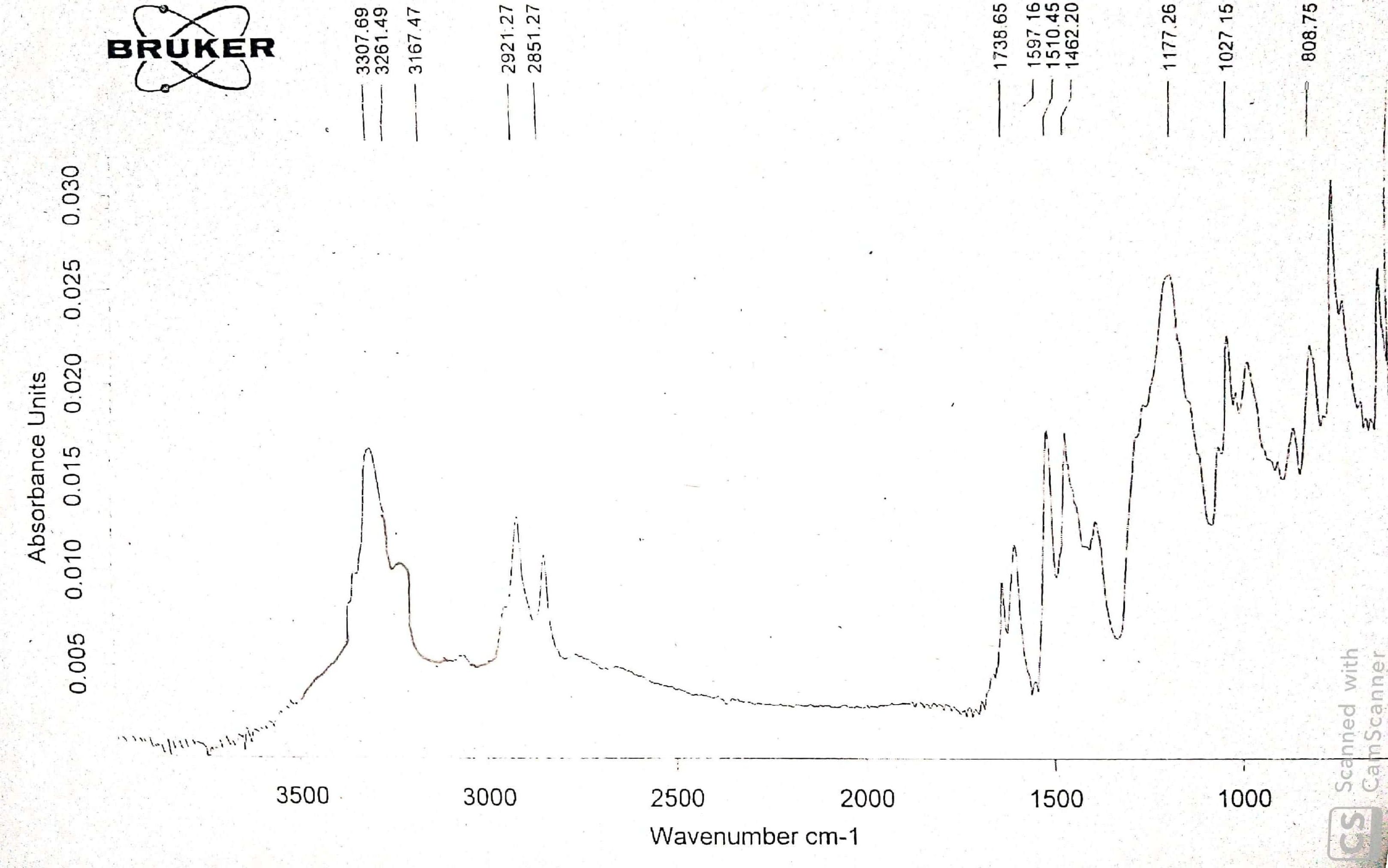
**1H NMR spectrum of compound 4**



**Mass spectrum of compound 4**

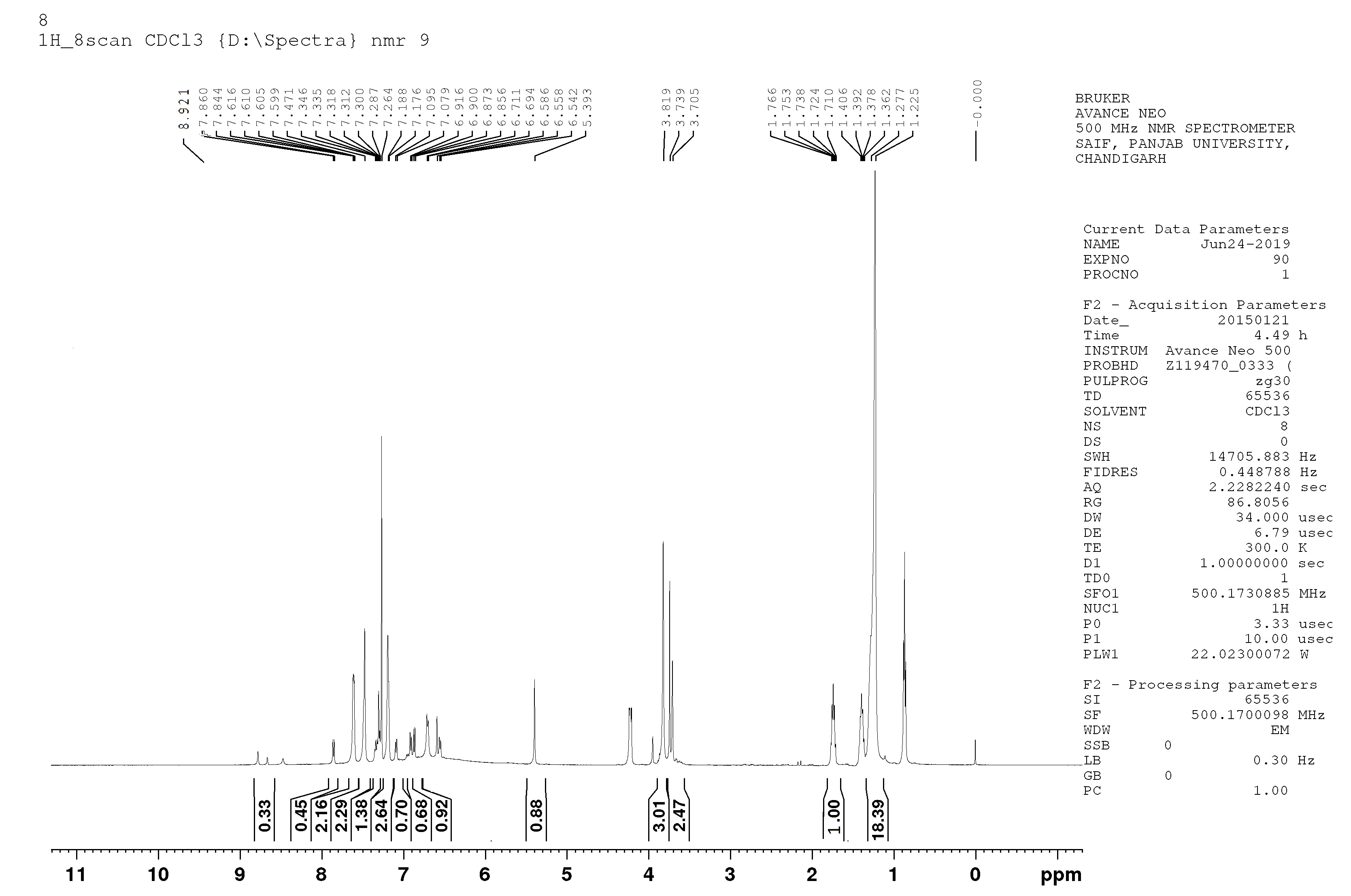
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**FTIR spectrum of intermediate 1e**

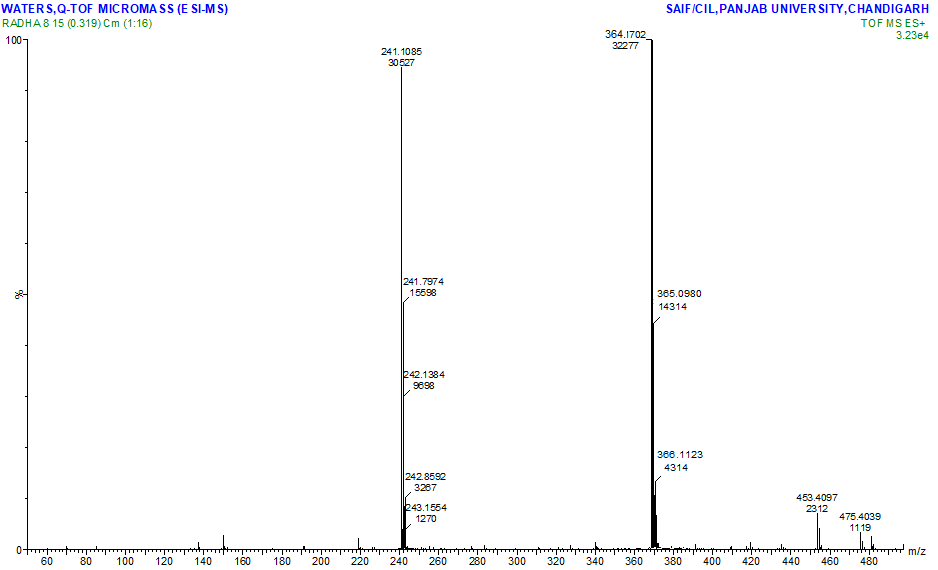


xii

**FTIR spectrum of compound 8**



**1H NMR spectrum of compound 8**

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**1H Mass spectrum of compound 8**