JOC The Journal of Organic Chemistry

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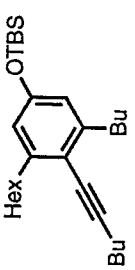
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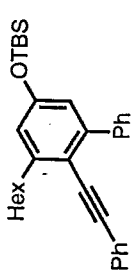
POOR QUALITY ORIGINAL

^{1}H NMR Spectrum of **3a**



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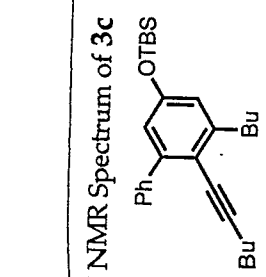
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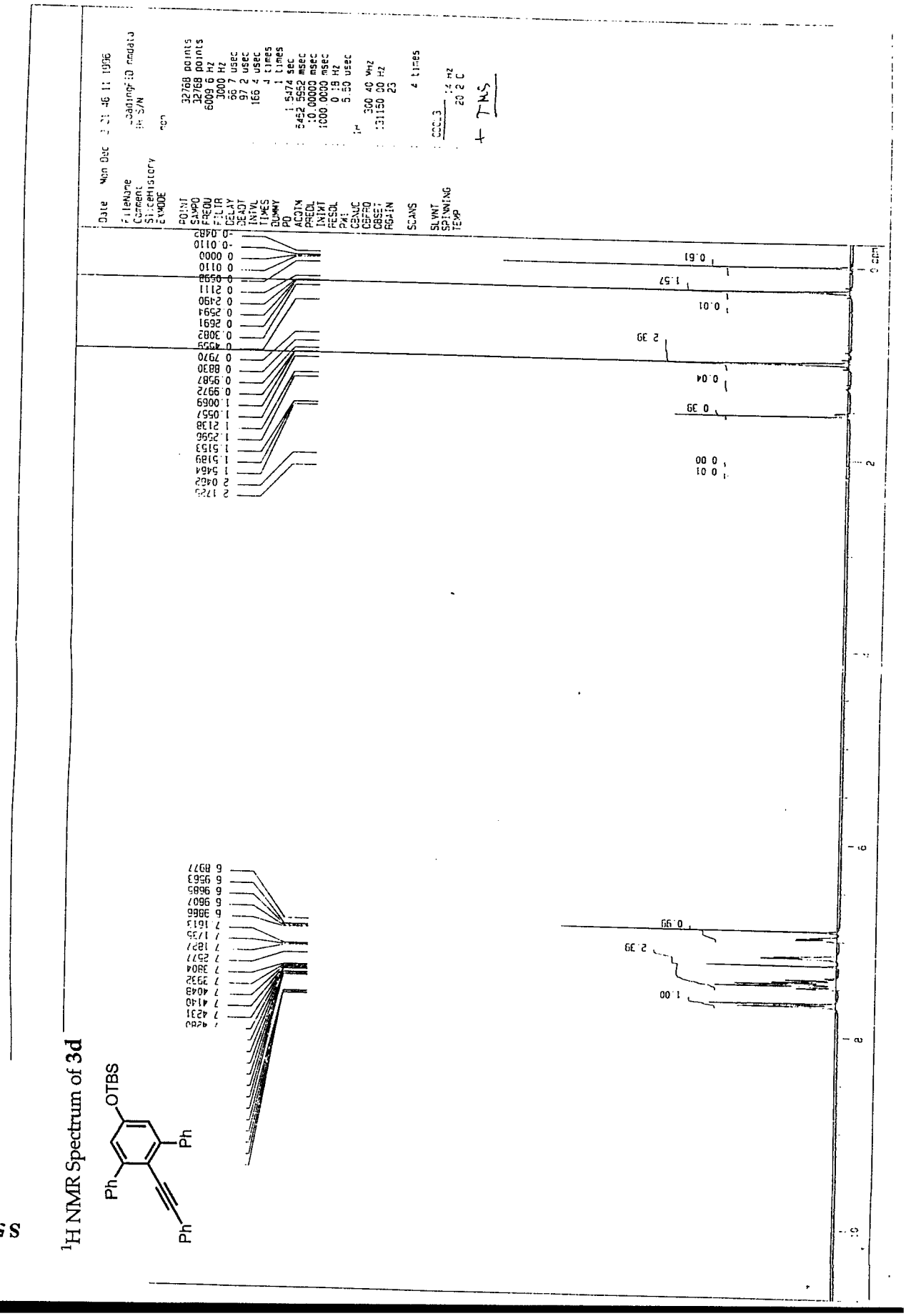
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^{1}H NMR Spectrum of 3c



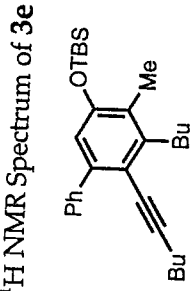
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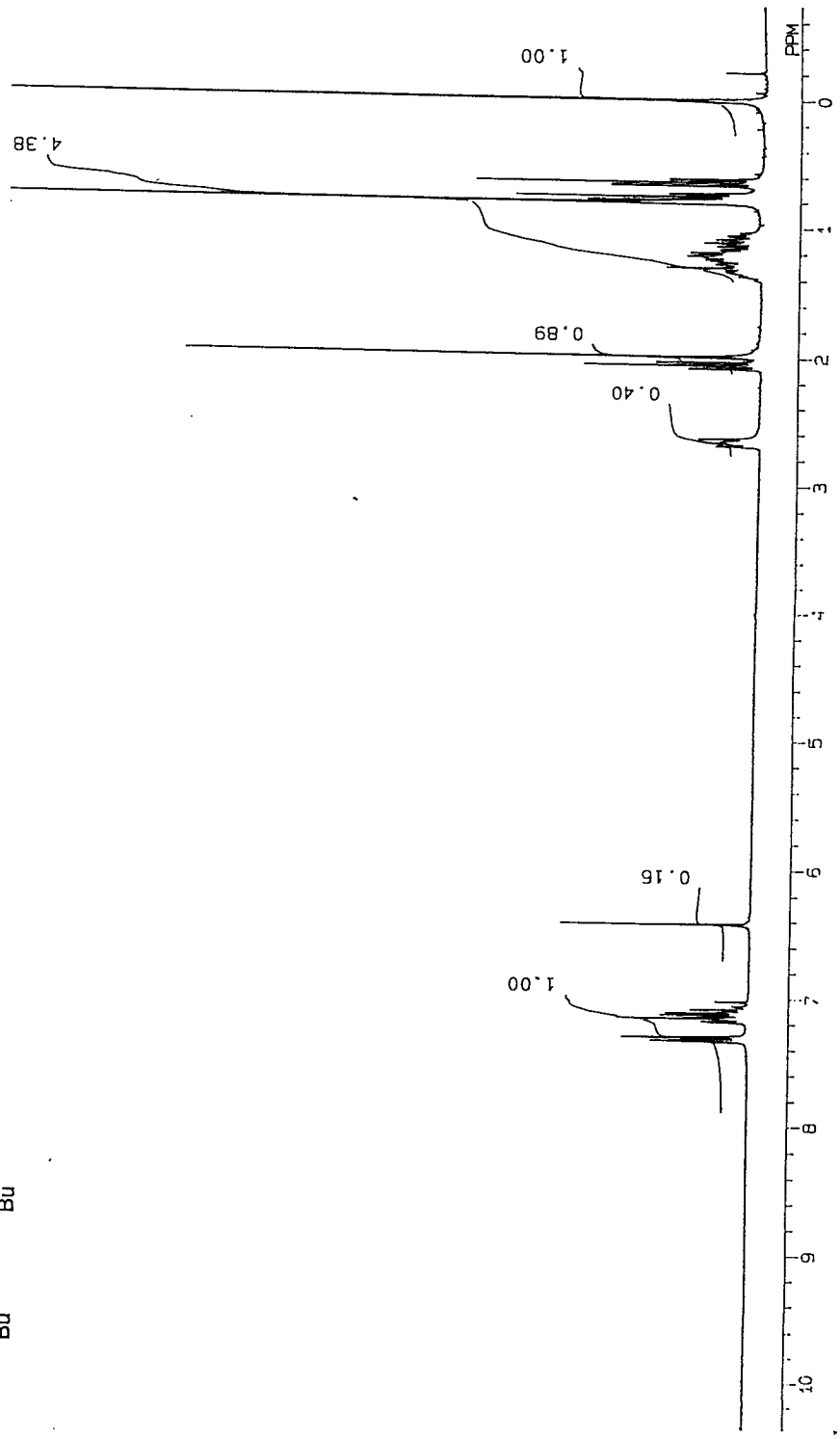


^{1}H NMR Spectrum of **3d**

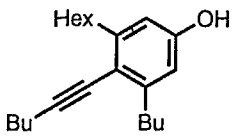
3S

^{1}H NMR Spectrum of **3e**





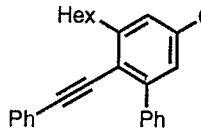
^{1}H NMR Spectrum of **4a**



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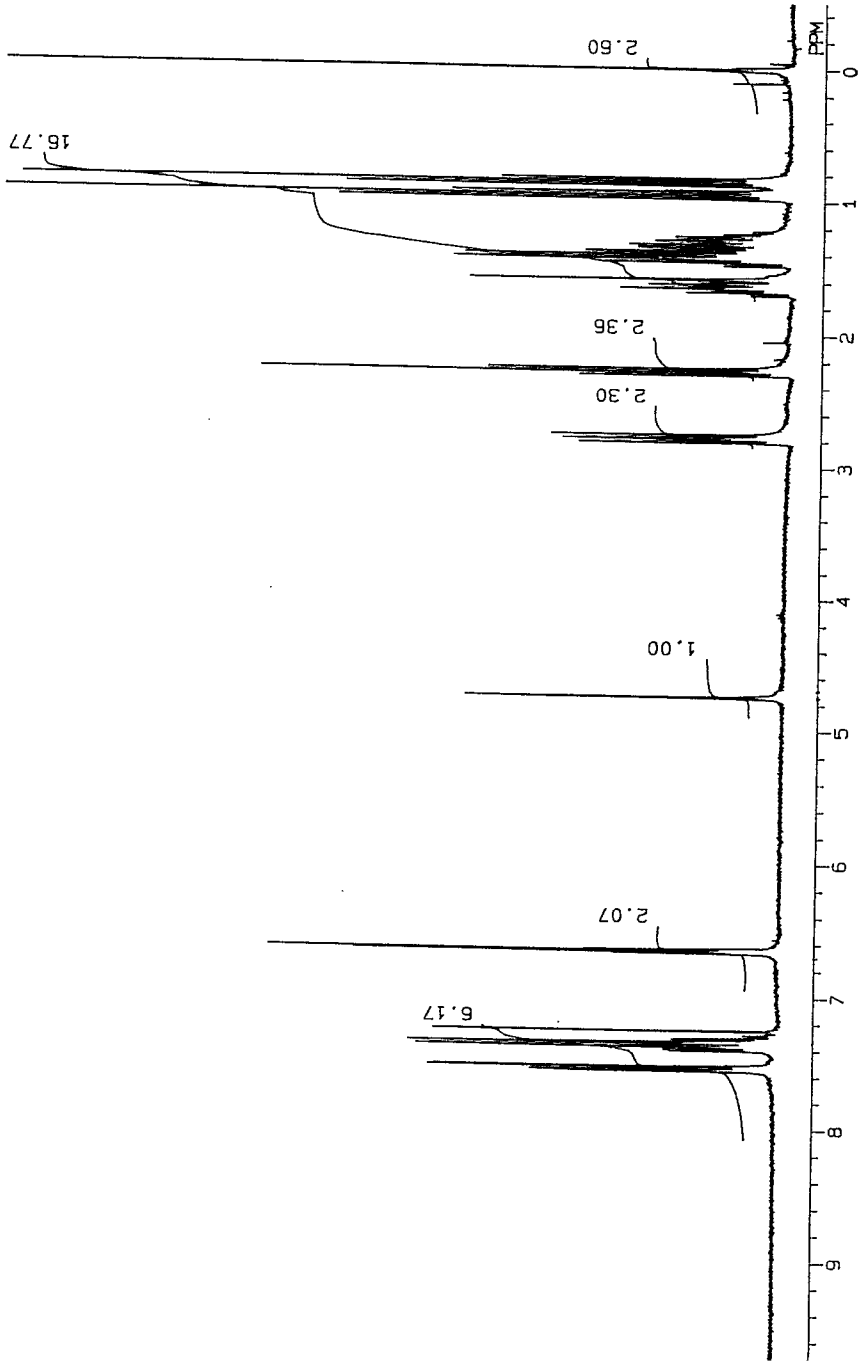
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^{1}H NMR Spectrum of **4b**

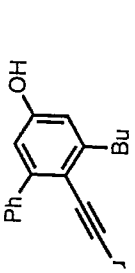


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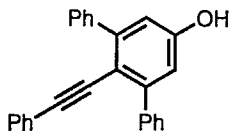
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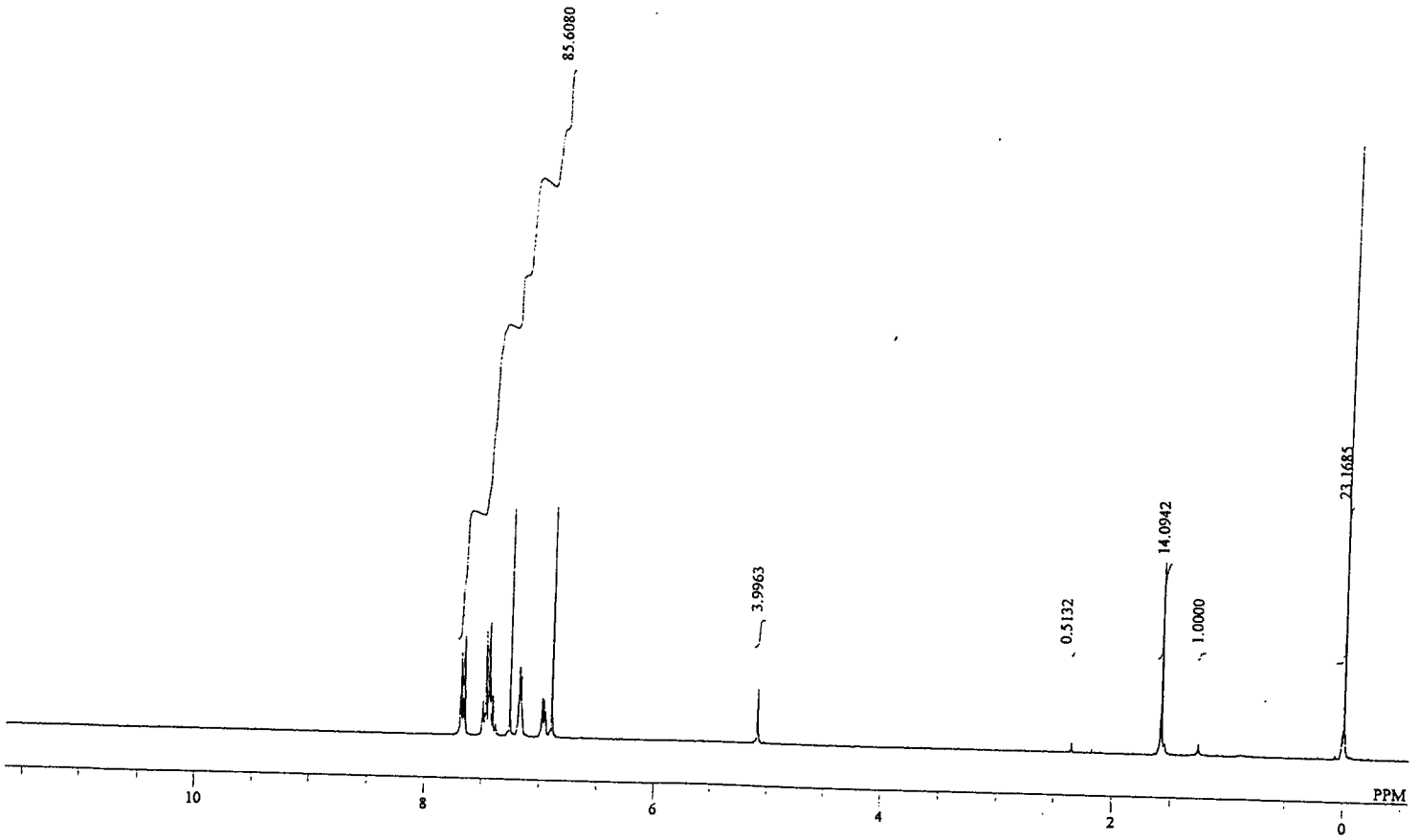


NMR Spectrum of 4c



^{1}H NMR Spectrum of **4d**

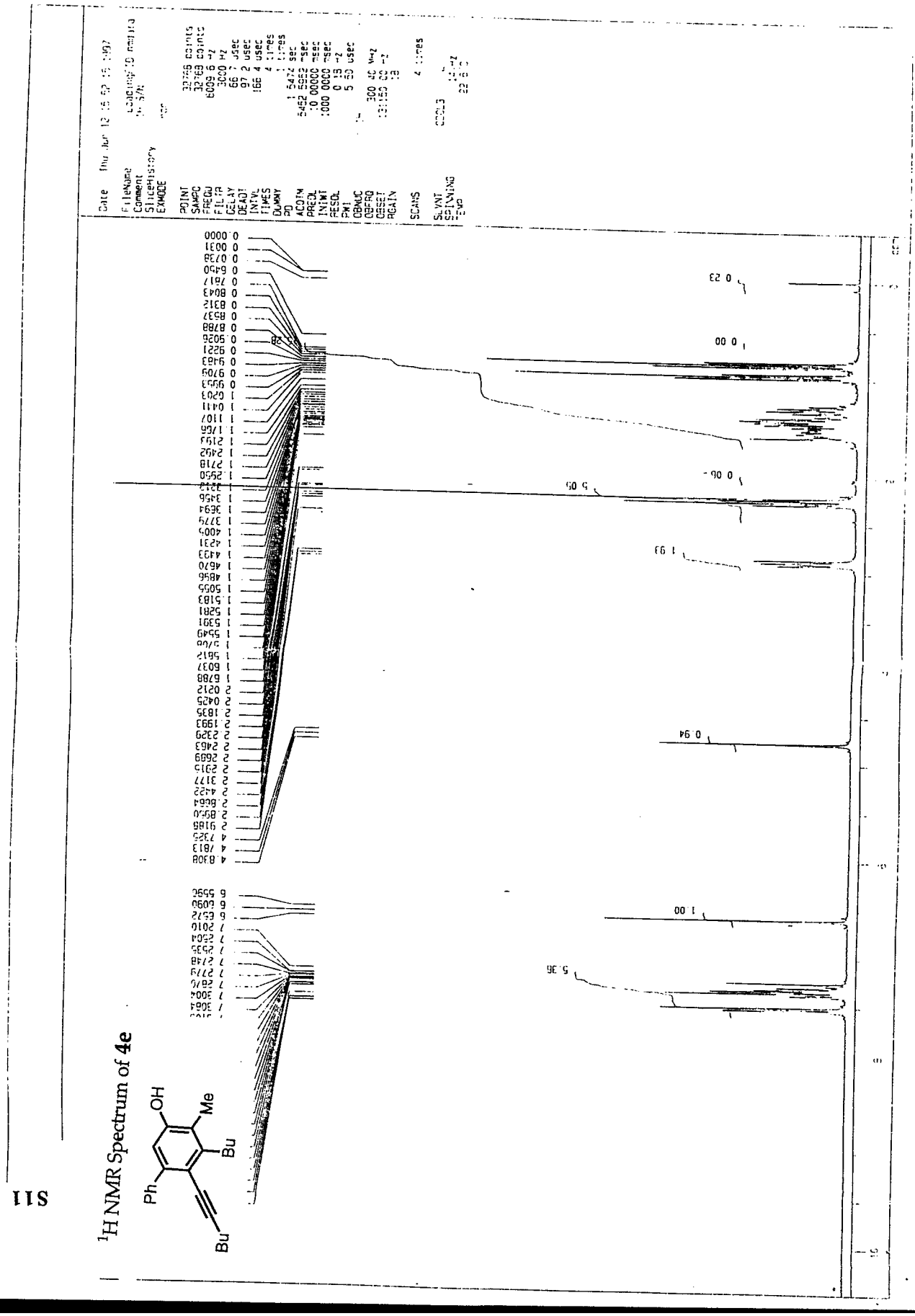




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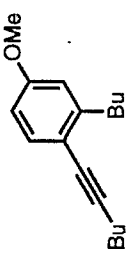
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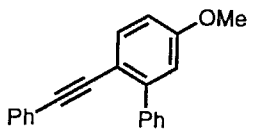
^{1}H NMR Spectrum of **4e**

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^{1}H NMR Spectrum of **6a**



^{1}H NMR Spectrum of **6b**

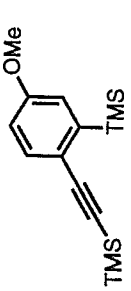


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FREQU	3300.3 Hz
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ACQTM	4.964 sec
PD	3.000 sec
PW1	4.8 us
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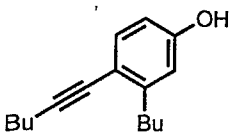
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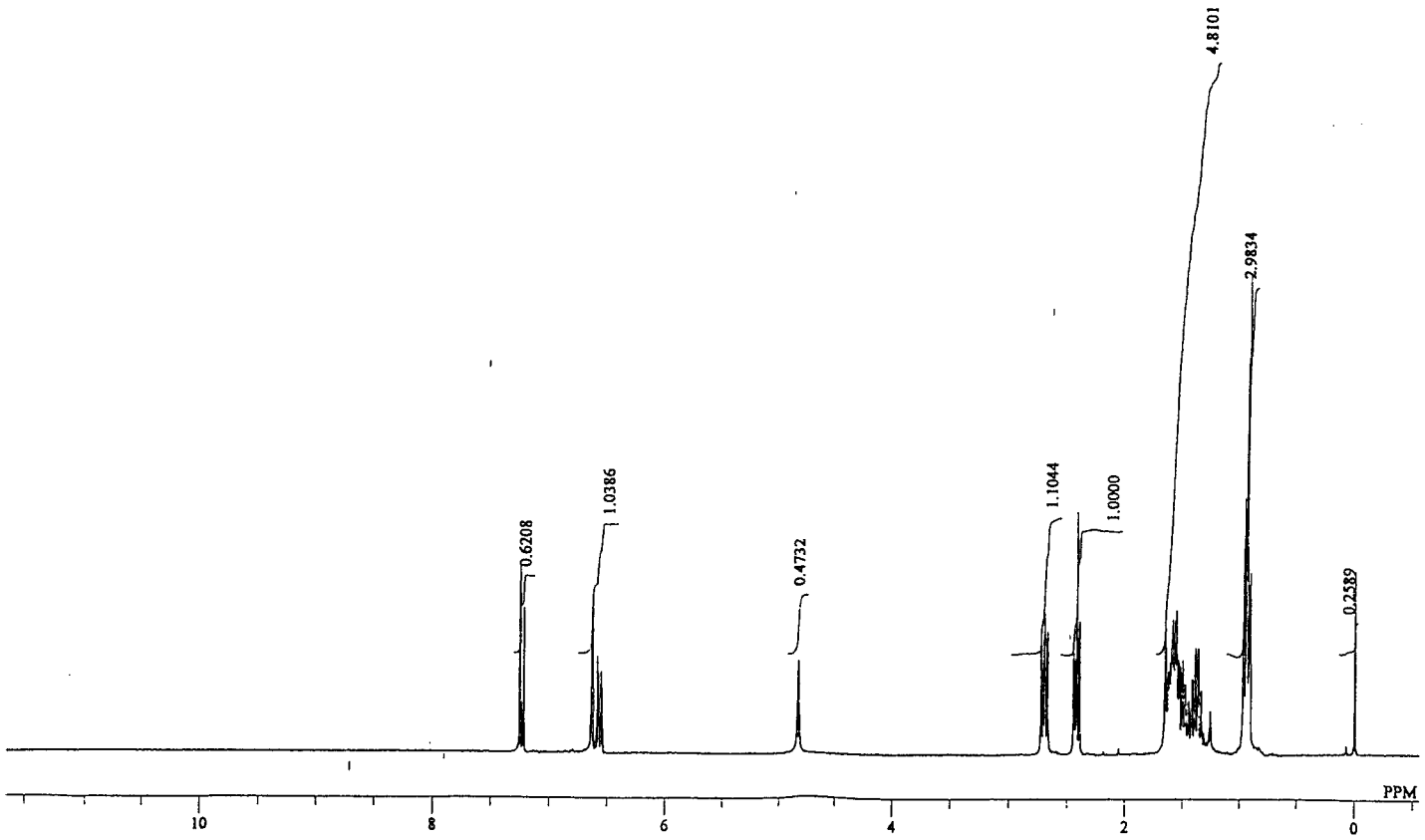
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^{1}H NMR Spectrum of **6c**



^{1}H NMR Spectrum of **8a**

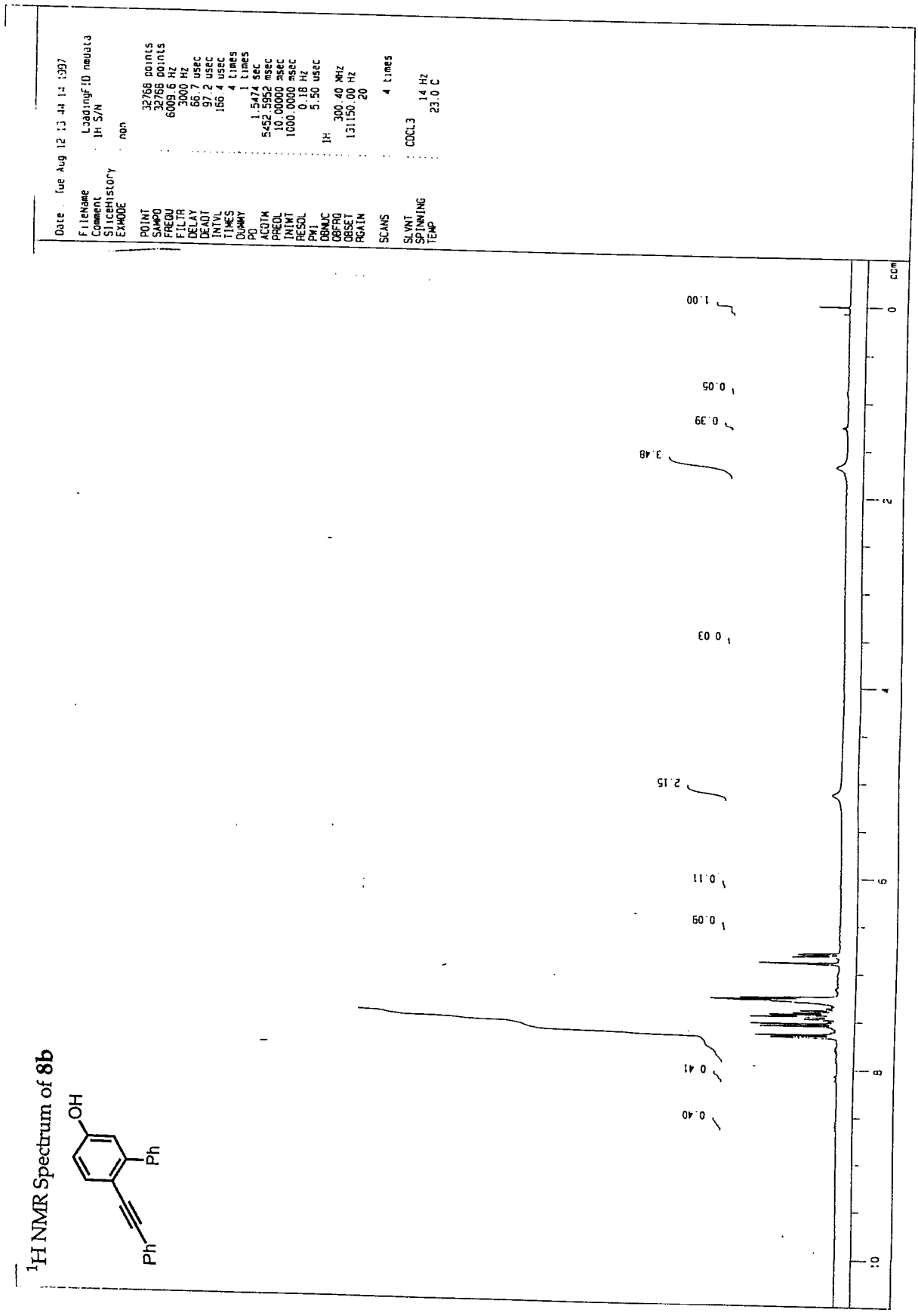




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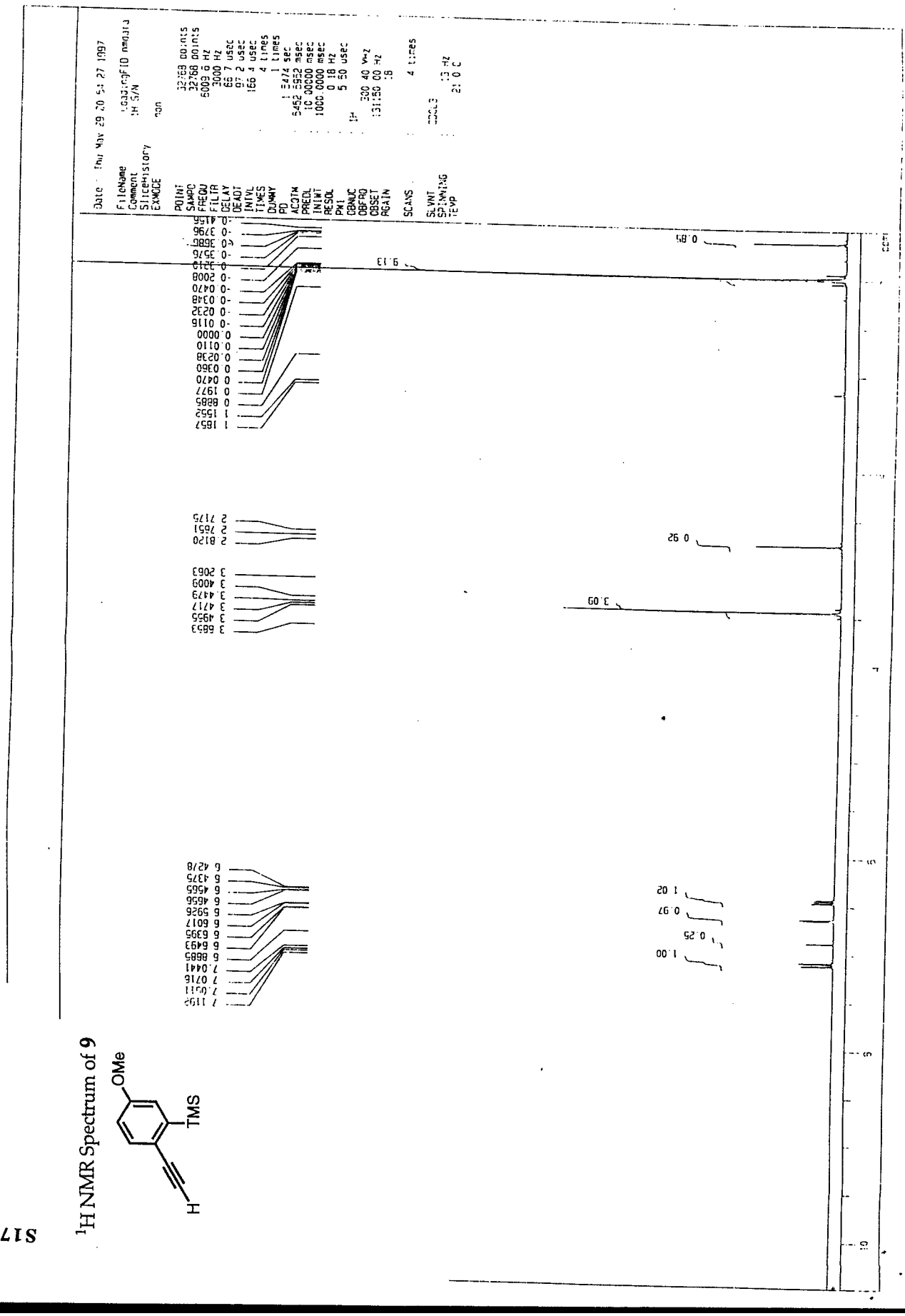
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^{1}H NMR Spectrum of **8b**

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^{1}H NMR Spectrum of **9**