

Supplemental Information New Journal of Chemistry

Unexpected Ring Closures Leading to 2-N,N-Dialkylamino-1,3-benzotellurazoles

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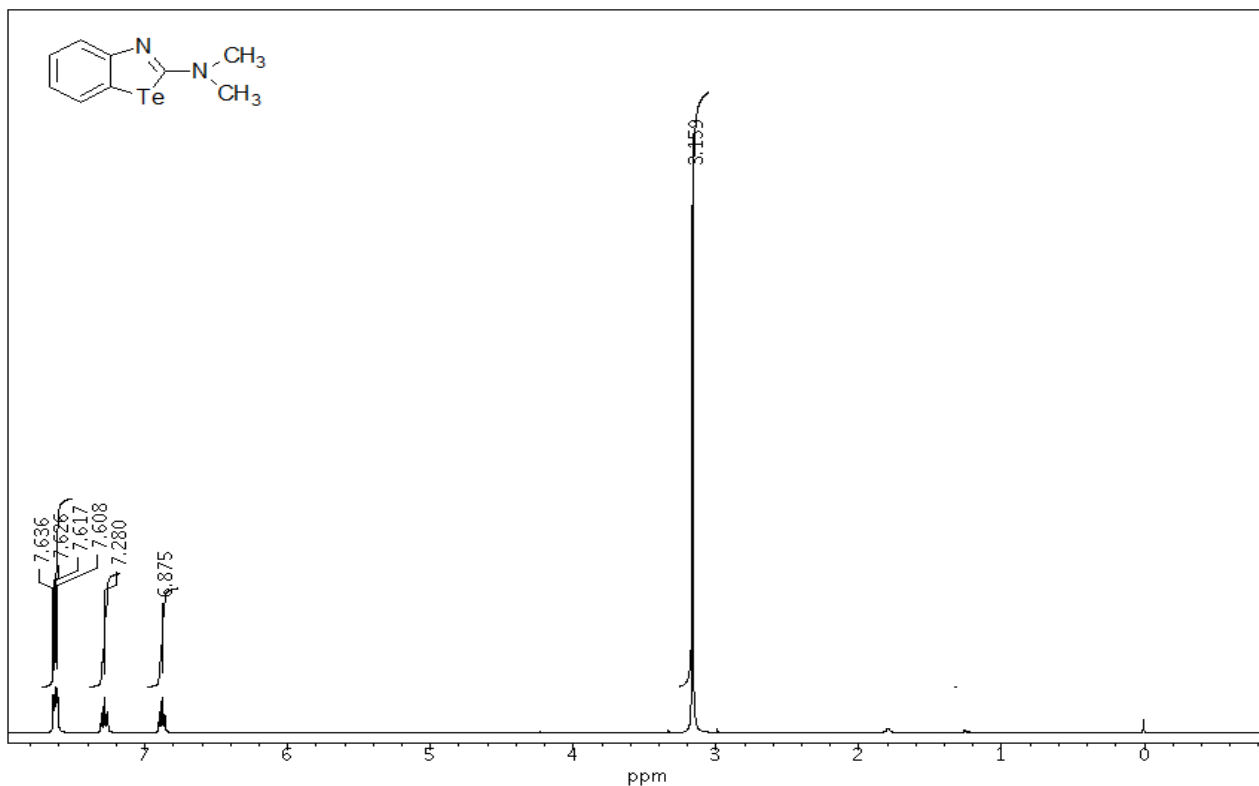
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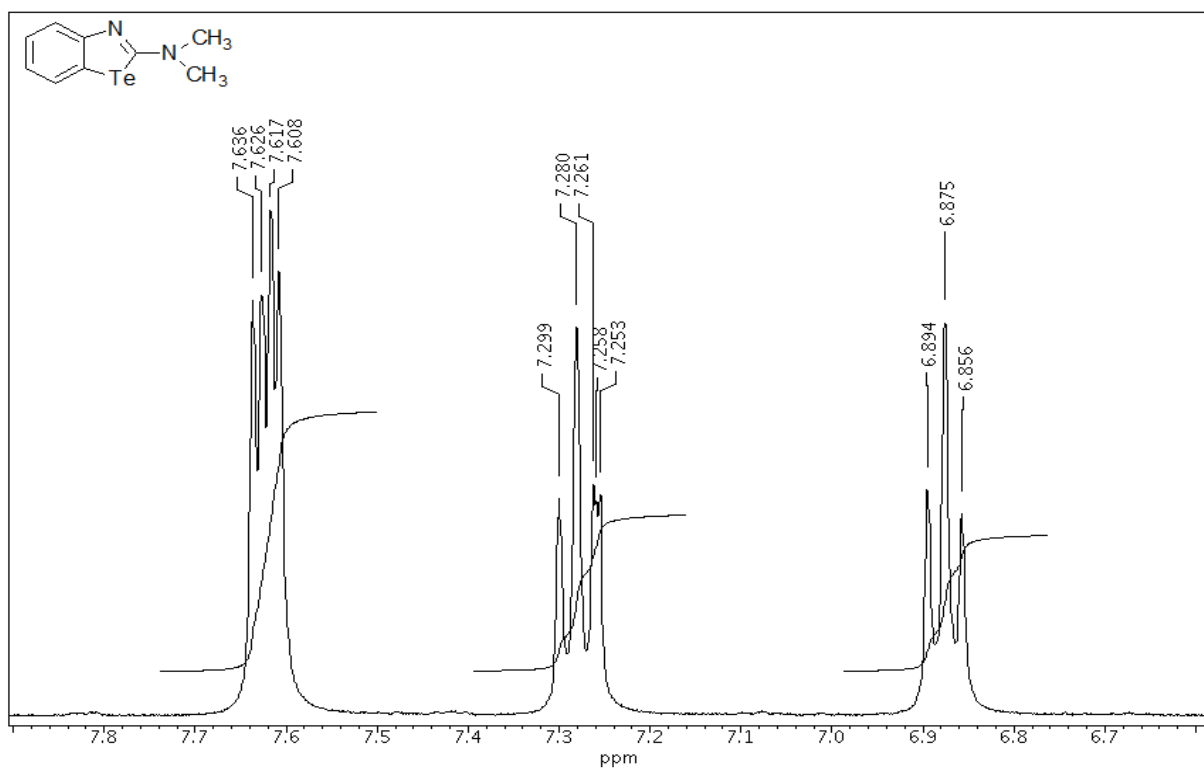
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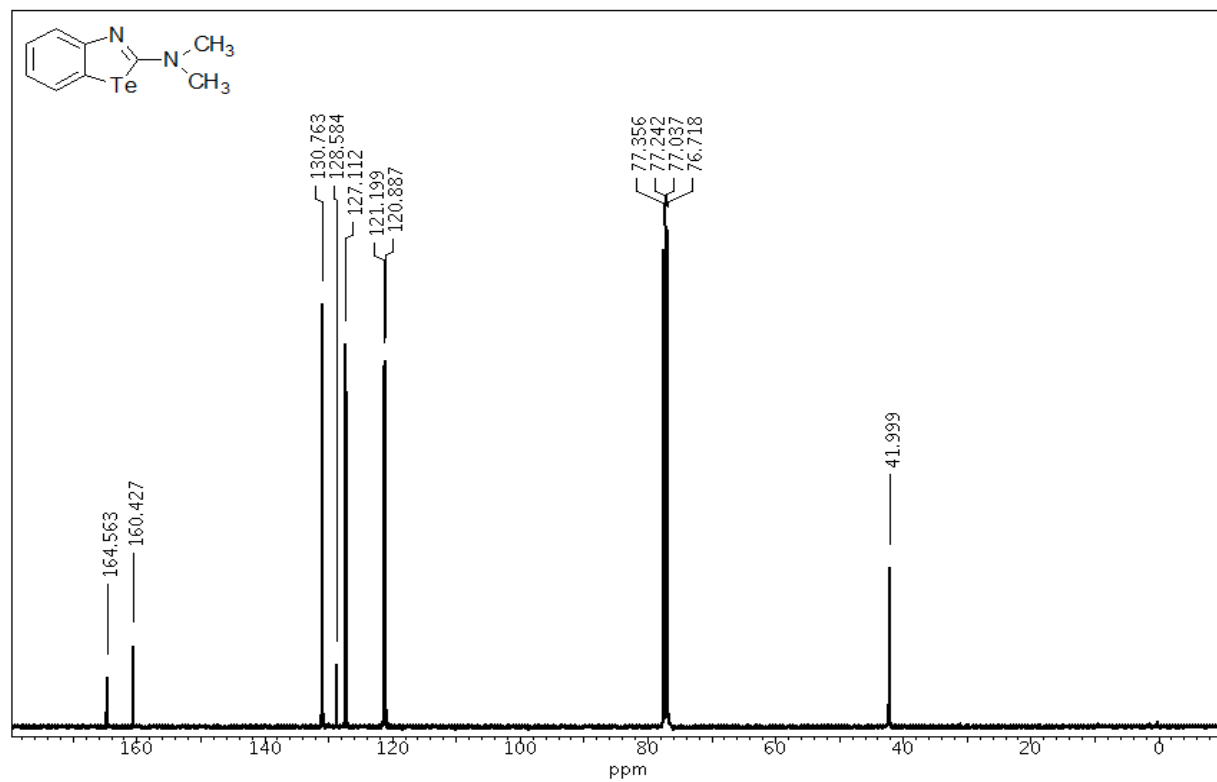
2-(N,N-Dimethylamino) benzo[1,3]tellurazole (1)



¹H NMR spectrum of **1**, 400 MHz, CDCl₃

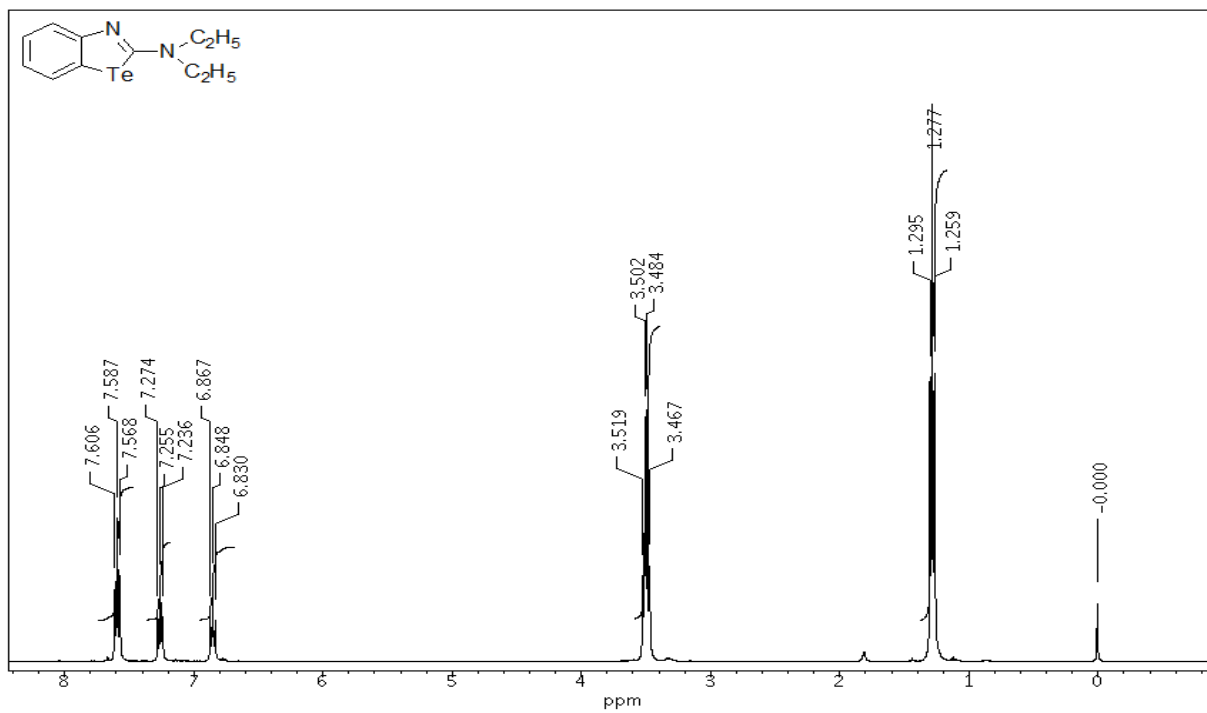


¹H NMR spectrum of **1**, aromatic region

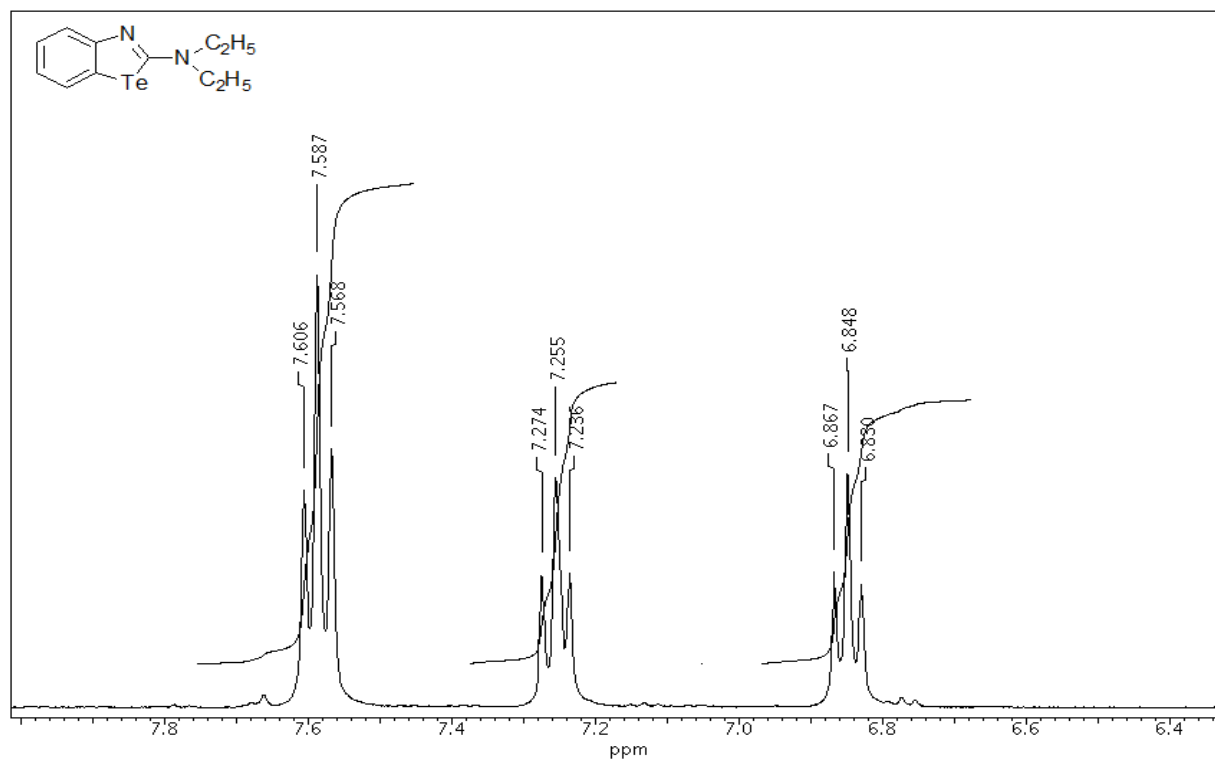


¹³C NMR spectrum of **1**

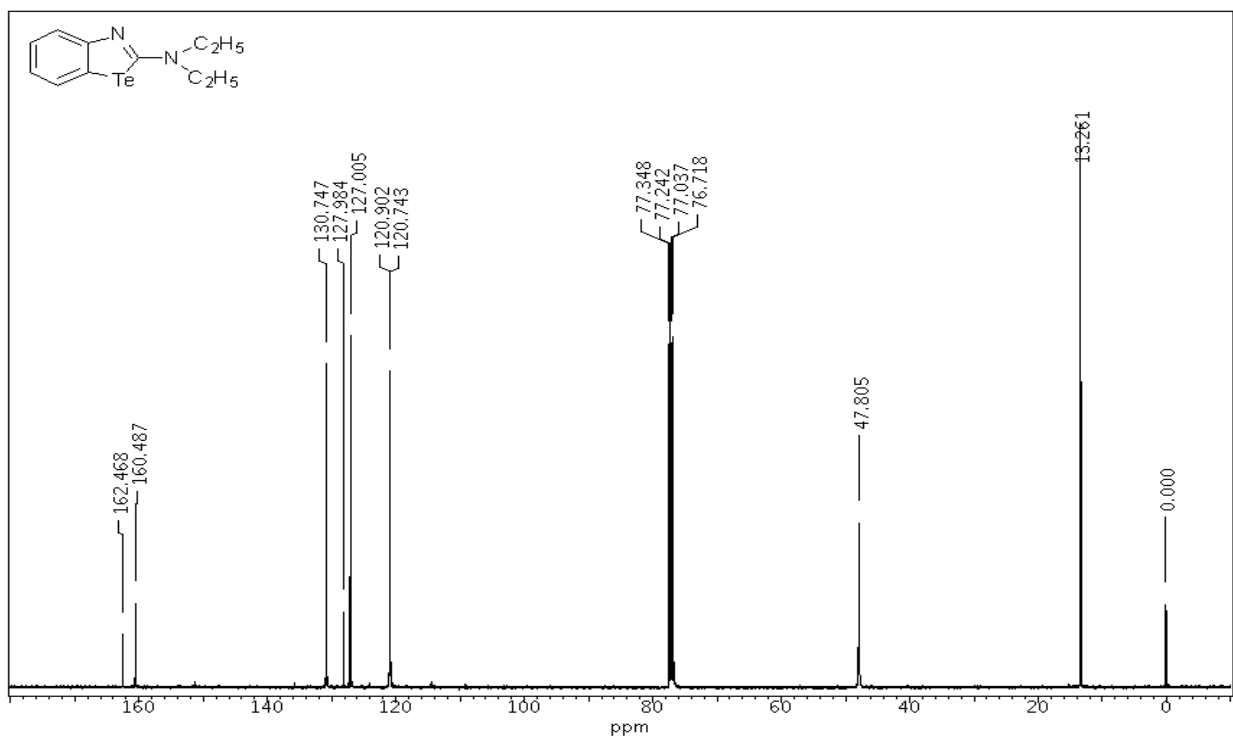
2-(N,N-Diethylamino)benzo[1,3]tellurazole (2)



¹H NMR spectrum of **2**, 400 MHz, CDCl₃

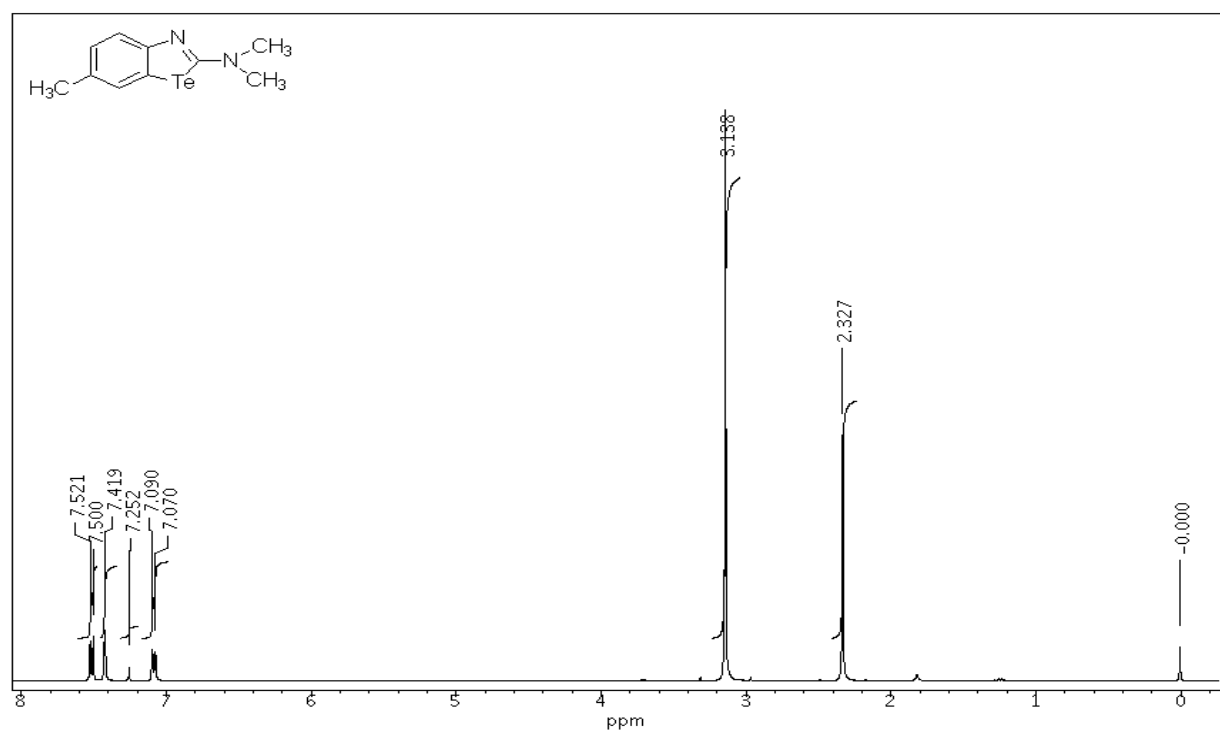


¹H NMR spectrum of **2**, aromatic region

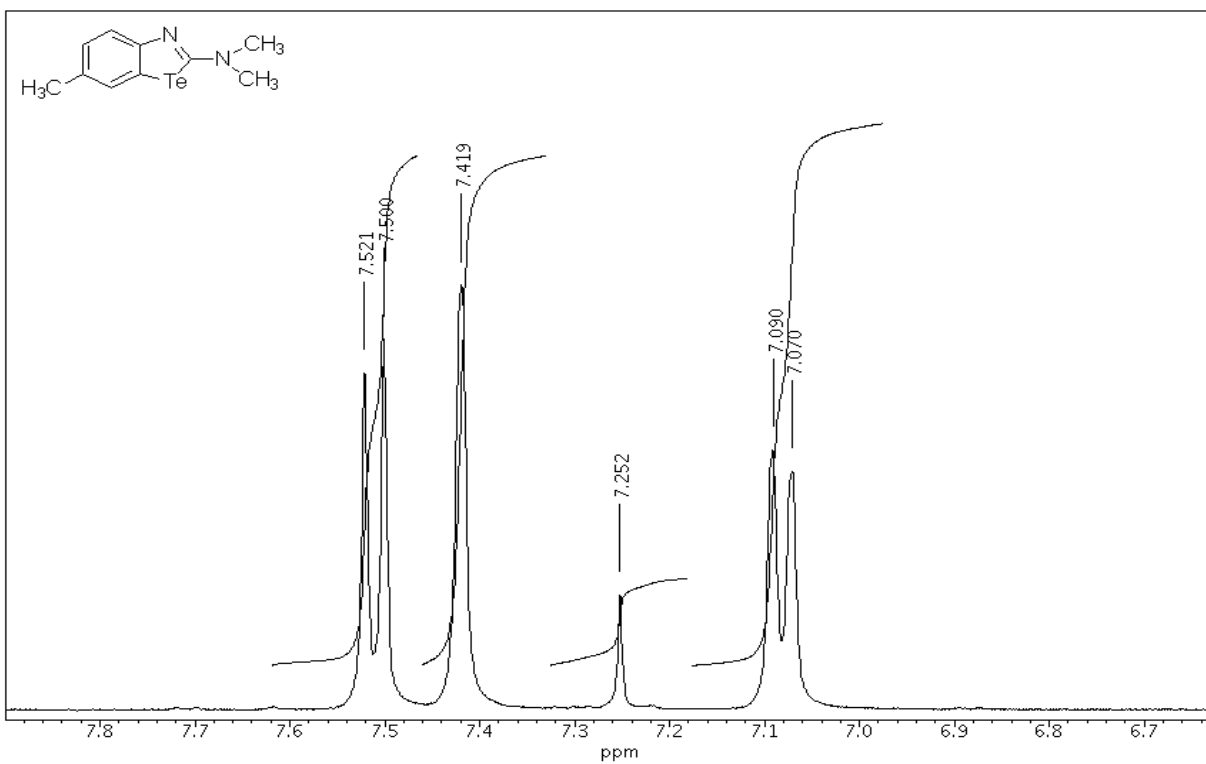


¹³C NMR spectrum of **2**

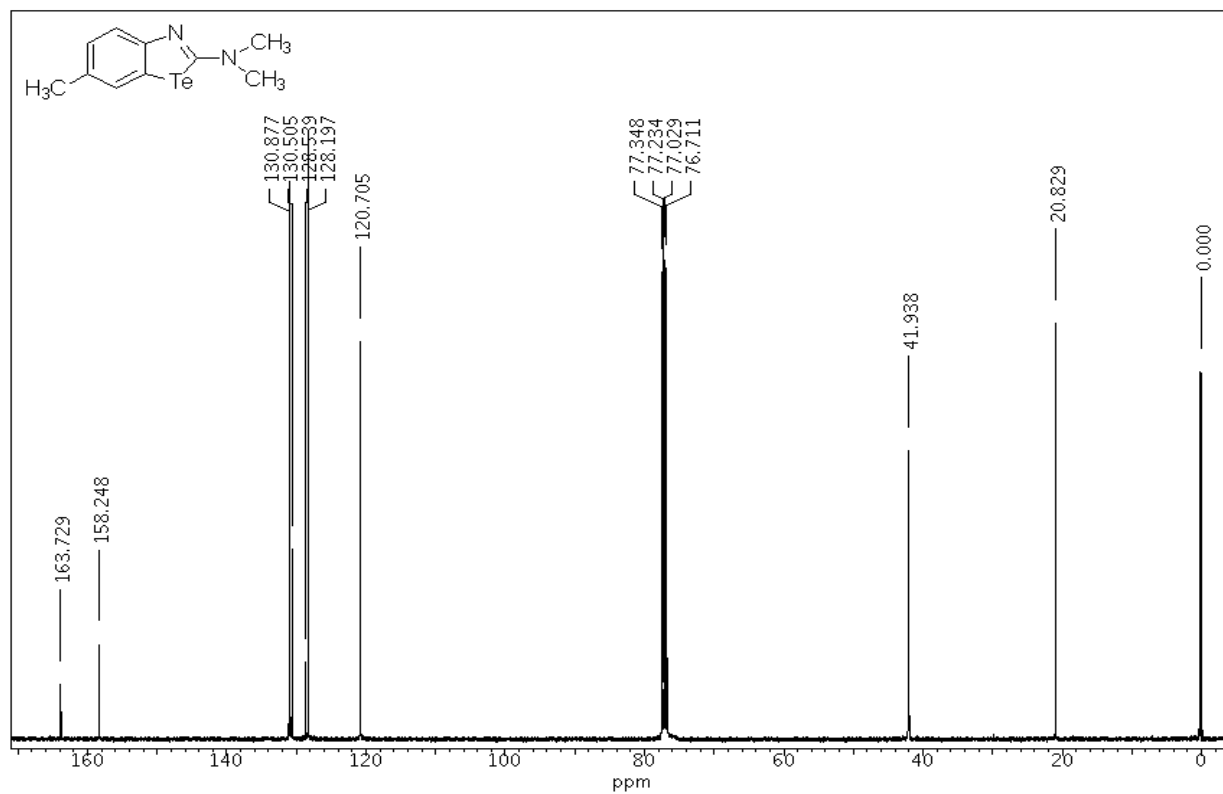
2-(N,N-Dimethylamino)-6-methylbenzo[1,3]tellurazole (3)



¹H NMR spectrum of **3**, 400 MHz, CDCl₃

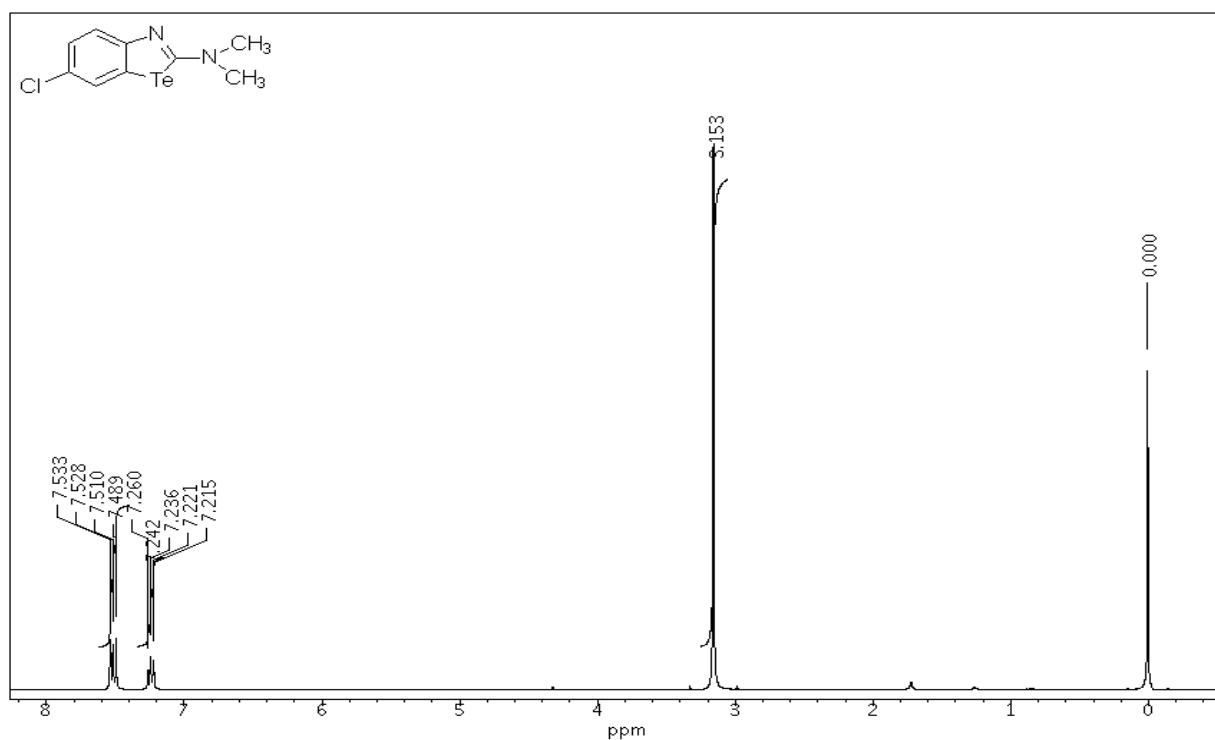


¹H NMR spectrum of 3, aromatic region

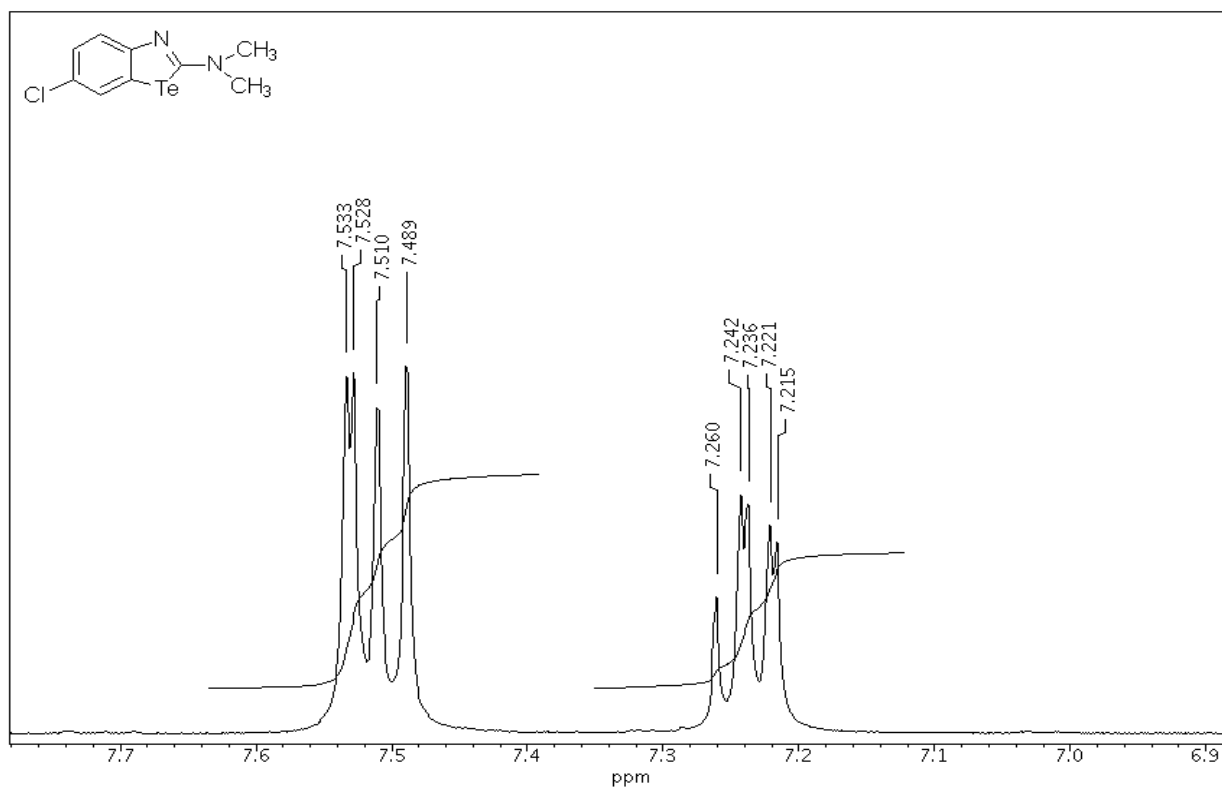


¹³C NMR spectrum of 3

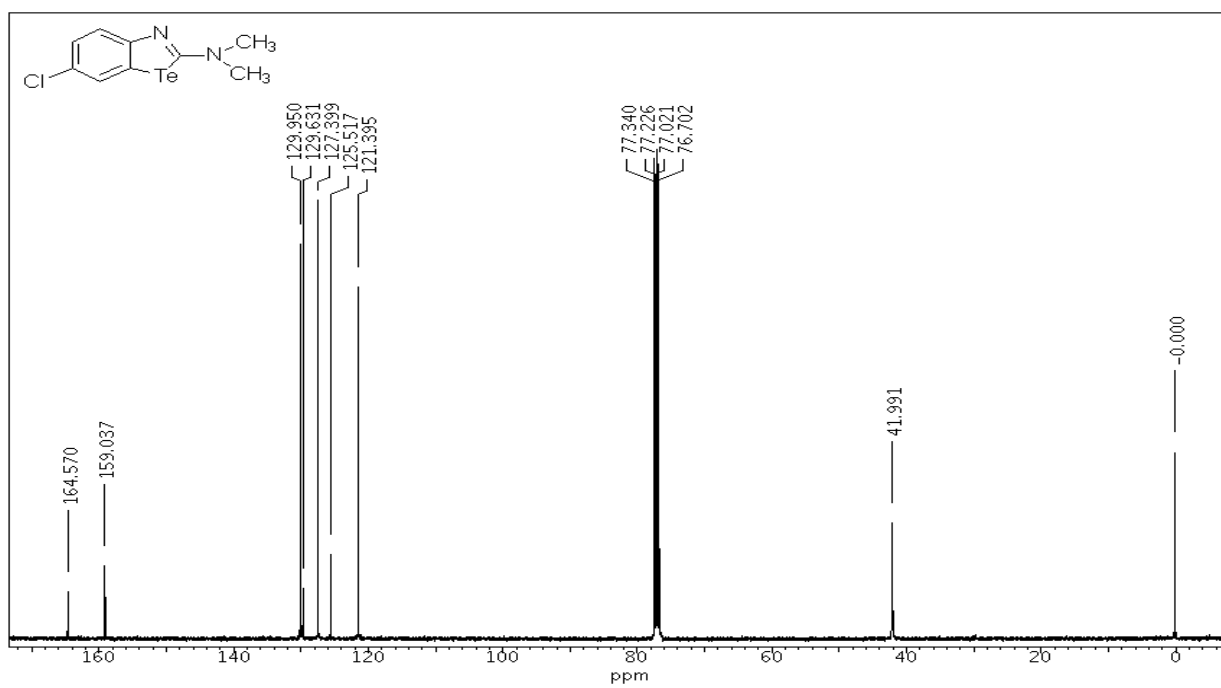
2-(N,N-Dimethylamino)-6-chlorobenzo[1,3]tellurazole (4)



¹H NMR spectrum of 4, 400 MHz, CDCl₃

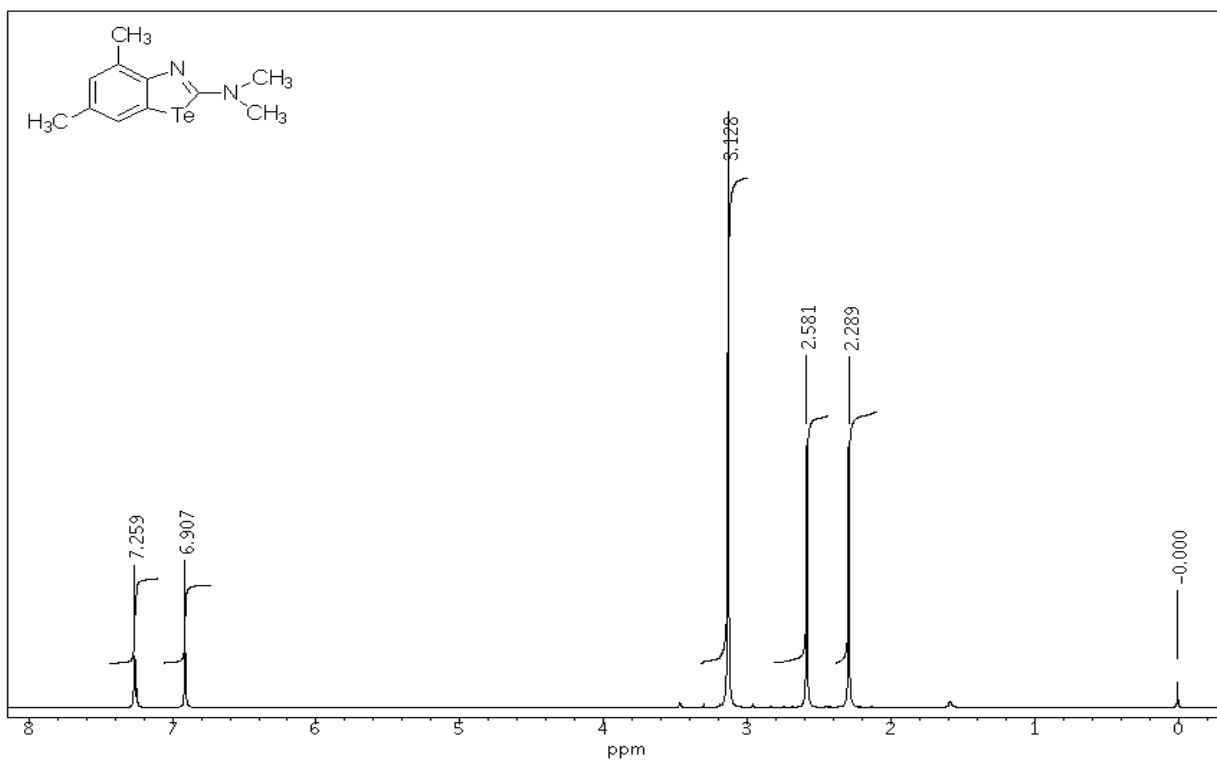


¹H NMR spectrum of 4, aromatic region

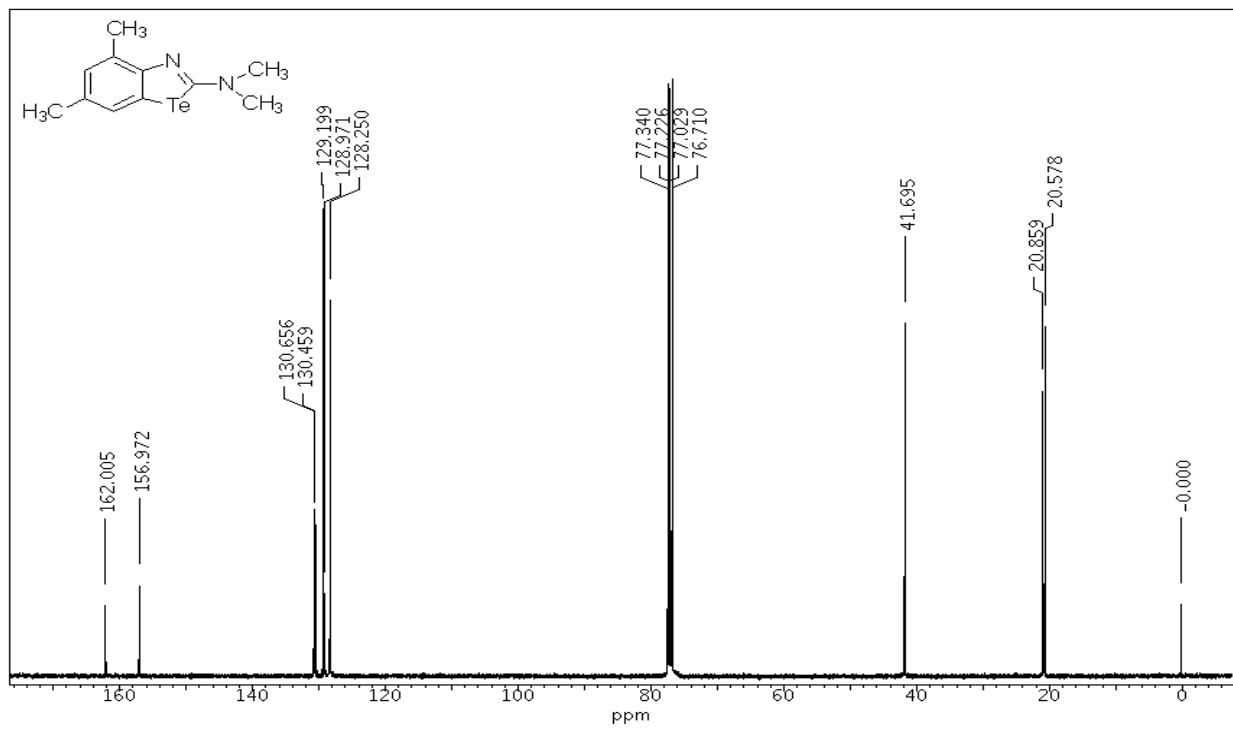


^{13}C NMR spectrum of **4**

2-(N,N-Dimethylamino)-4,6-dimethylbenzo[1,3]tellurazole (5**)**

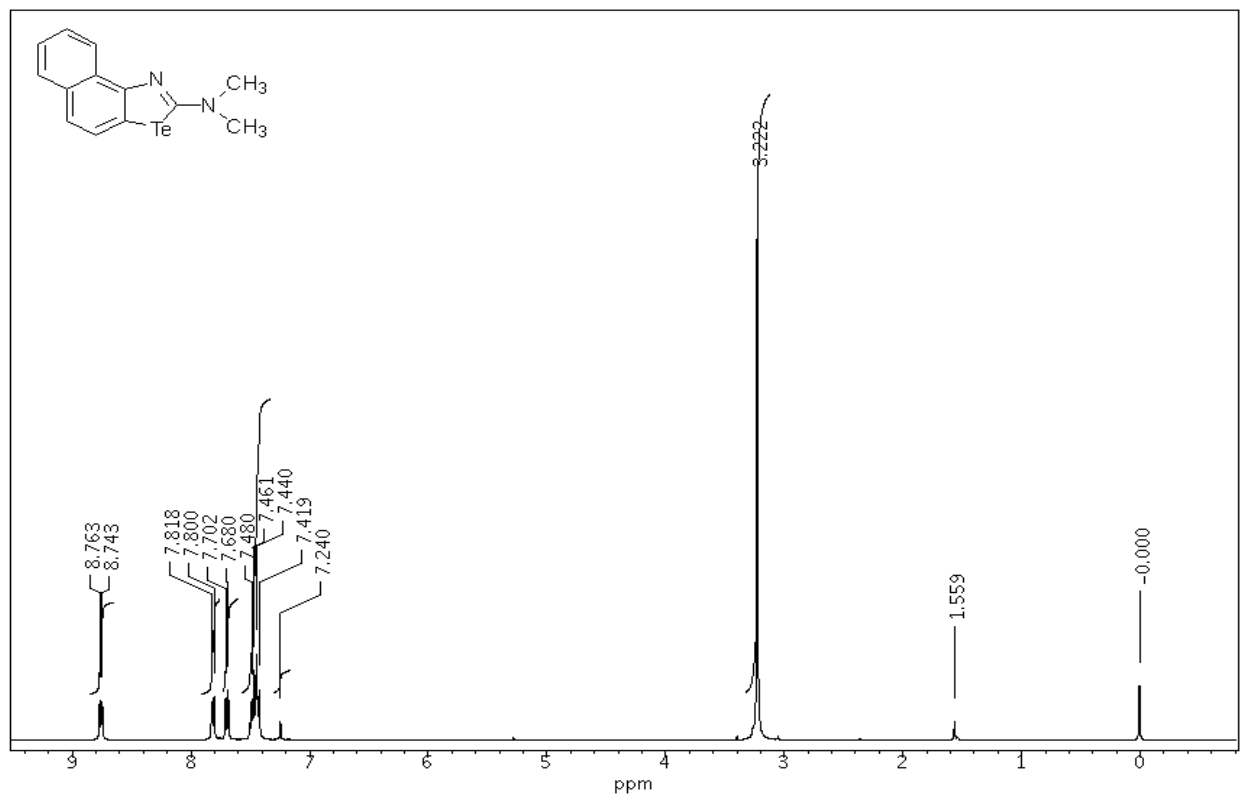


^1H NMR spectrum of **5**, 400 MHz, CDCl_3

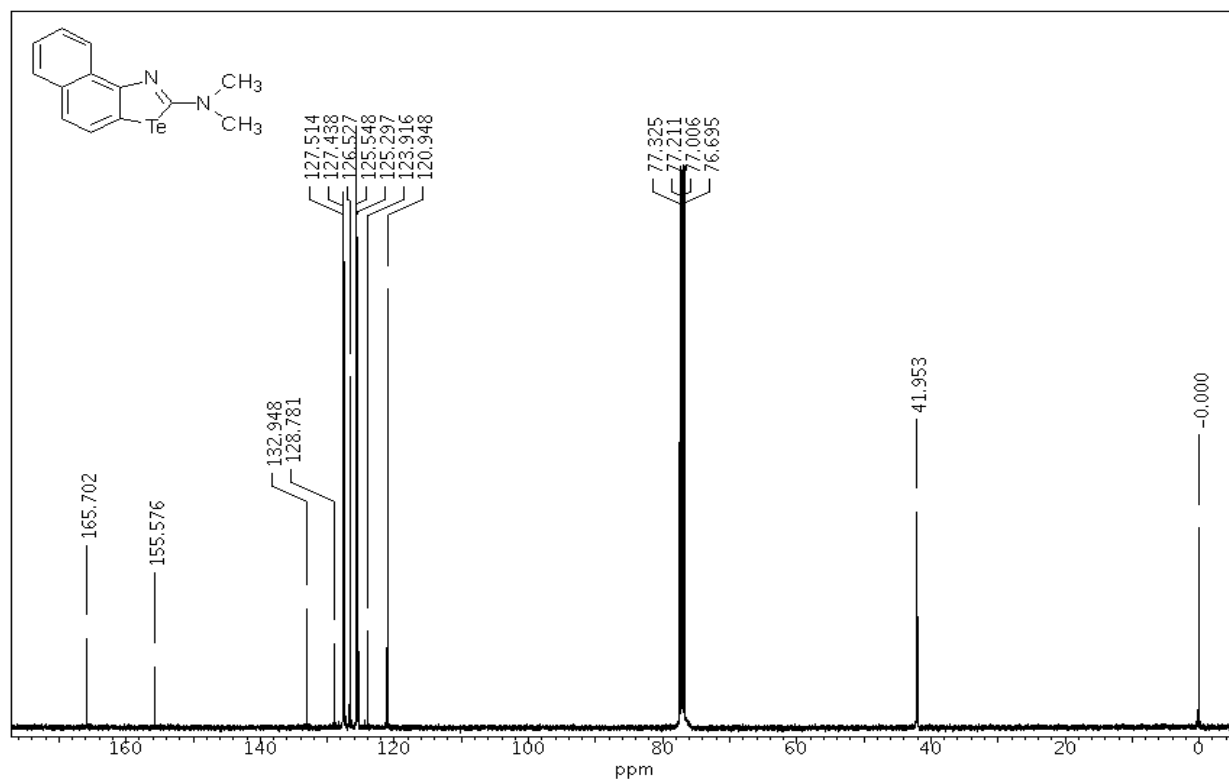
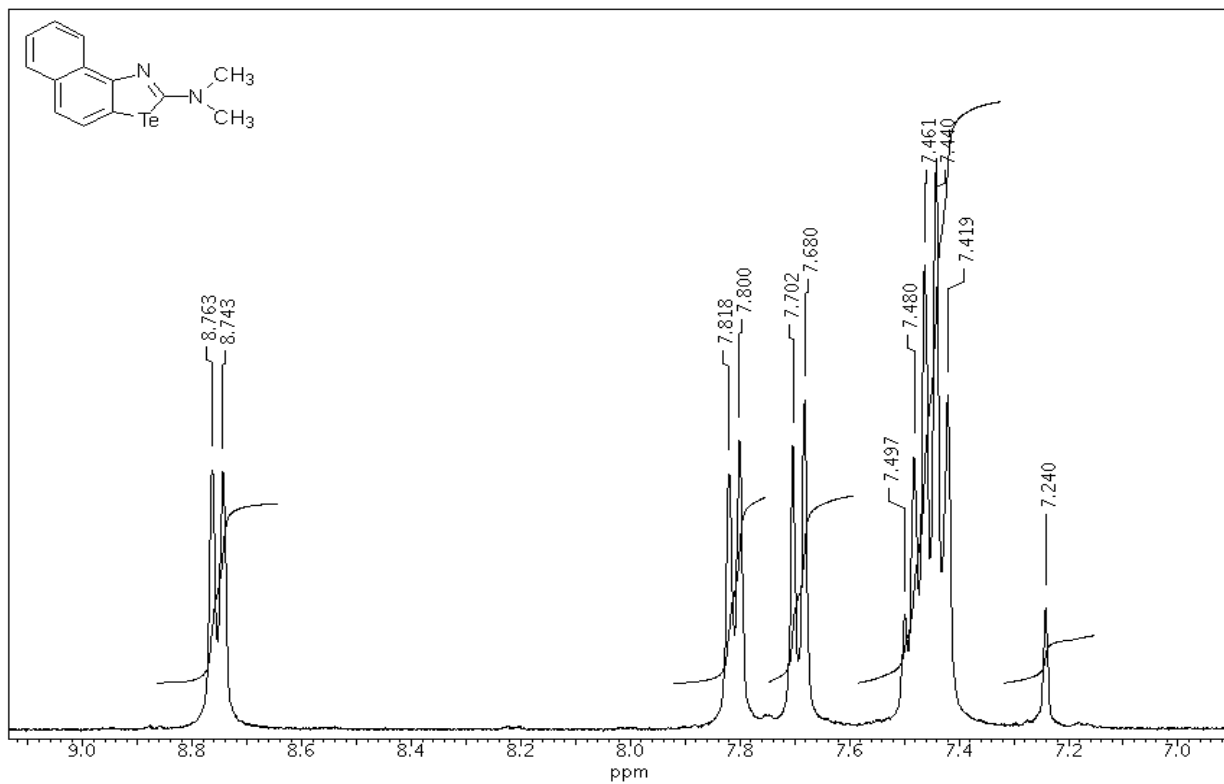


¹³C NMR spectrum of 5

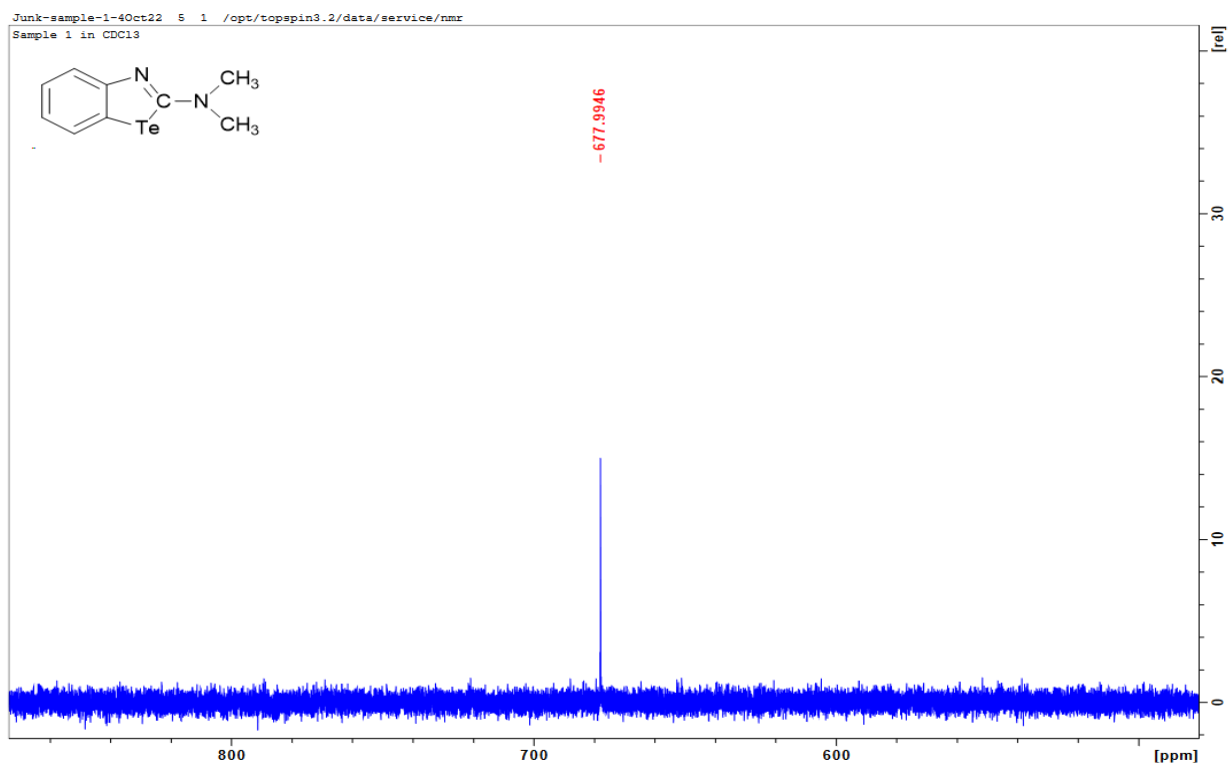
2-(N,N-Dimethylamino)-6-chlorobenzo[1,3]tellurazole (6)



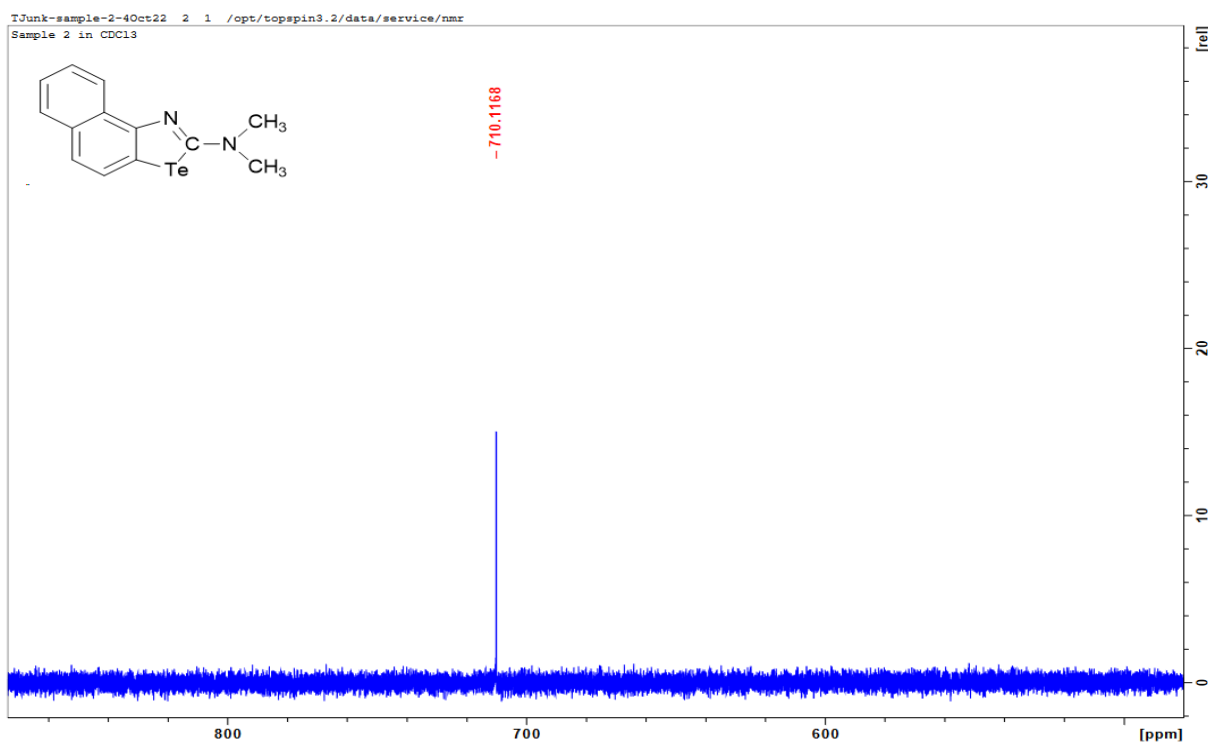
¹H NMR spectrum of 6, 400 MHz, CDCl₃



^{125}Te spectra of two representative compounds



^{125}Te spectrum of **1**, 400 MHz, CDCl₃



^{125}Te spectrum of **6**, 400 MHz, CDCl₃