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# NMR Structural Analysis of #Braznitidumine: A New Indole Alkaloid with 1,2,9-Triazabicyclo[7.2.1] System, Isolated from *Aspidosperma nitidum* (Apocynaceae)

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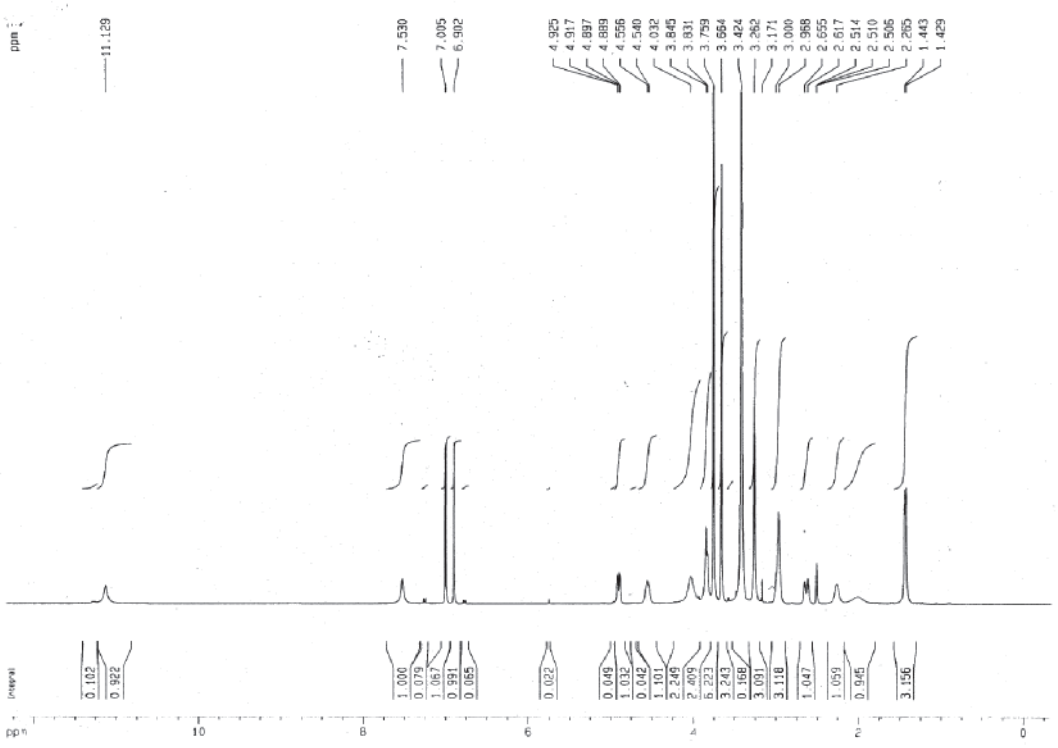


**Figure S1.** $^1$H NMR spectrum of Braznitidumine (**I**) in DMSO-$d_6$, 400 MHz.

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# This name is an homage to Professor Raimundo Braz-Filho. This article was submitted to the special issue dedicated to Professor Raimundo Braz-Filho on the occasion of his 70th birthday.

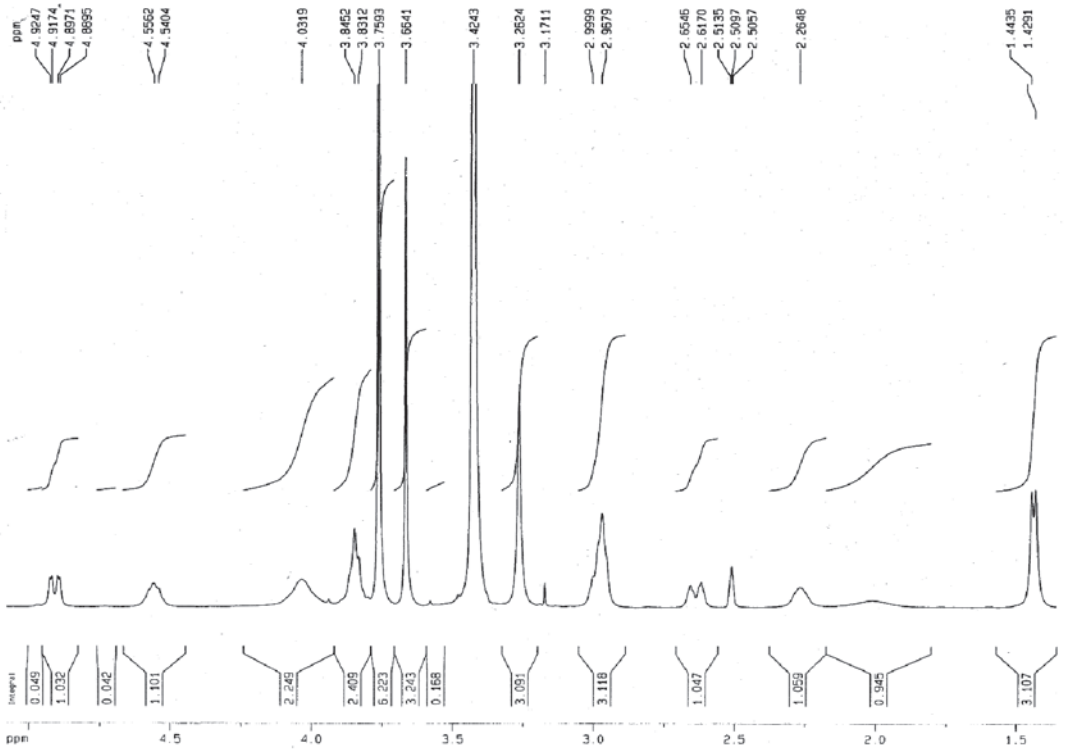


**Figure S2.** Partial $^1$H NMR spectrum of Braznitidumine (**I**) in DMSO-$d_6$, 400 MHz.

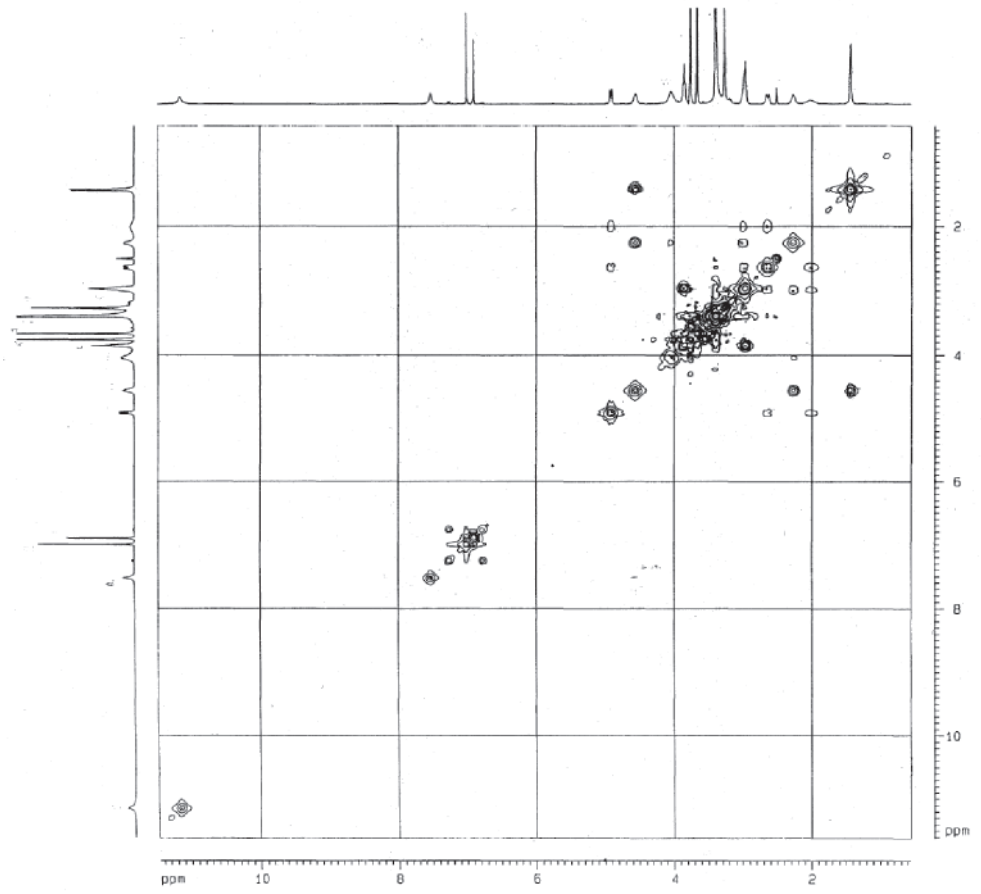


**Figure S3.** $^1$H $^1$H COSY contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz.

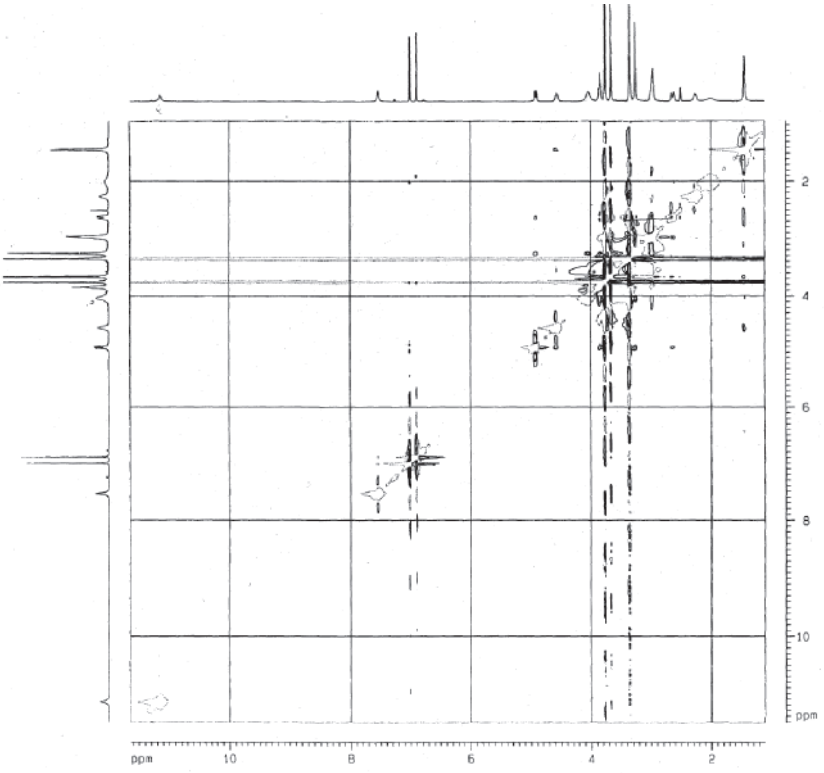


**Figure S4.** $^1$H $^1$H NOESY contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz; mixing time = 350 ms.

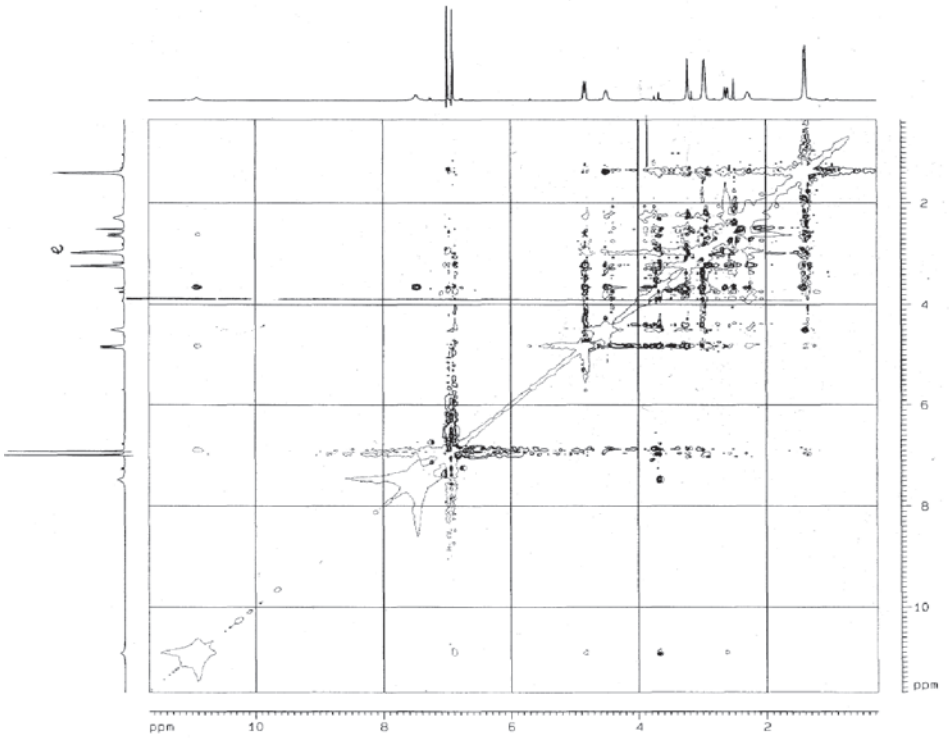


**Figure S5.** $^1$H $^1$H NOESY contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz; mixing time = 700 ms.

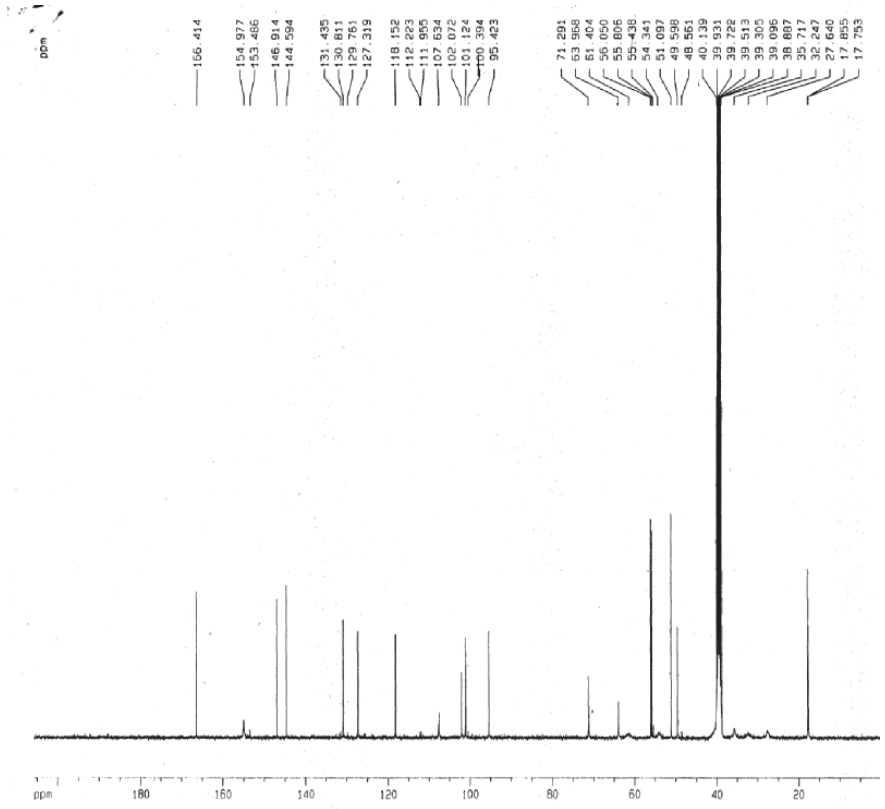


**Figure S6.** $^{13}C$ NMR spectrum of Braznitidumine (**I**) in DMSO-$d_6$, 100 MHz.

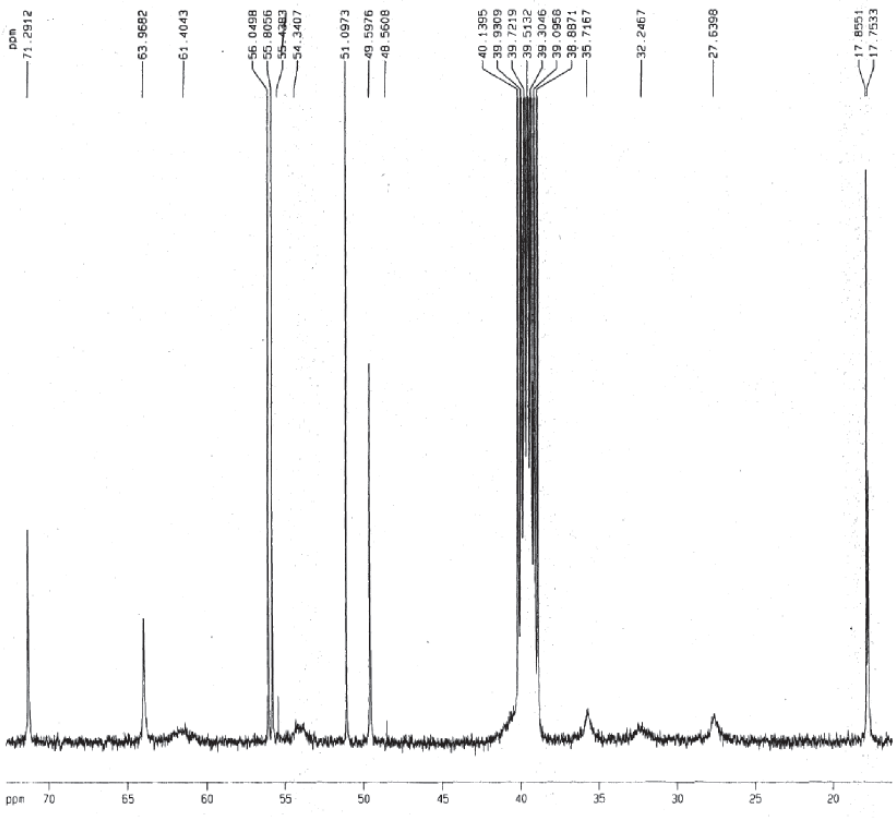


**Figure S7.** Partial $^{13}C$ NMR spectrum of Braznitidumine (**I**) in DMSO-$d_6$, 100 MHz.

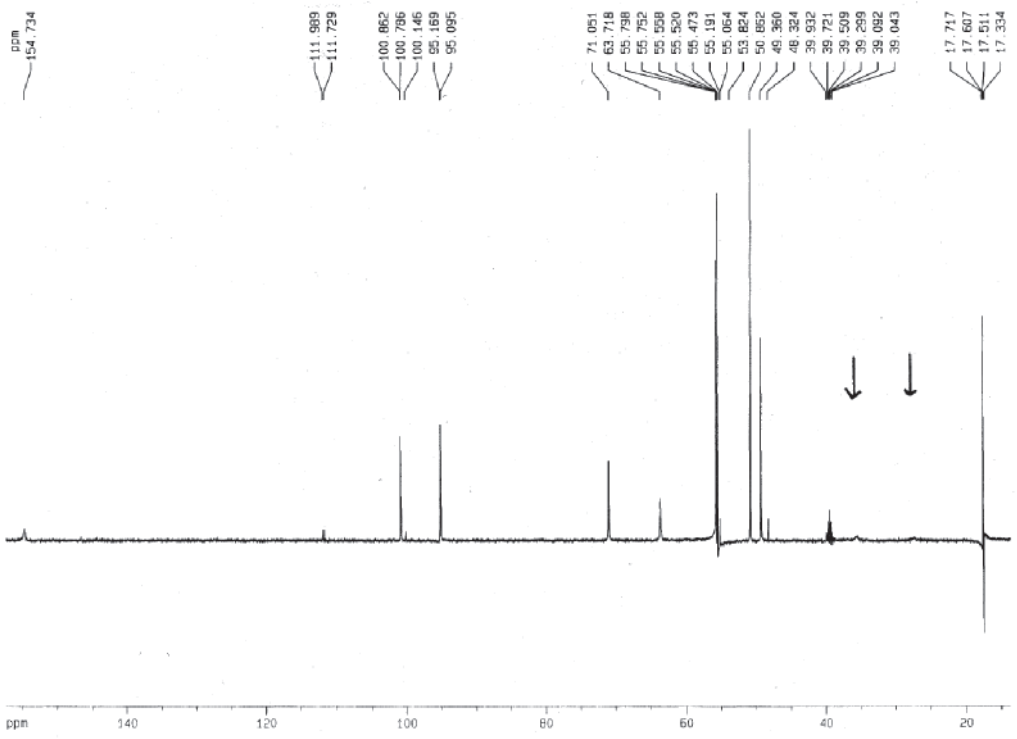


**Figure S8.** $^{13}$C NMR DEPT-135 spectrum of Braznitidumine (**I**) in DMSO-$d_6$, 100 MHz.

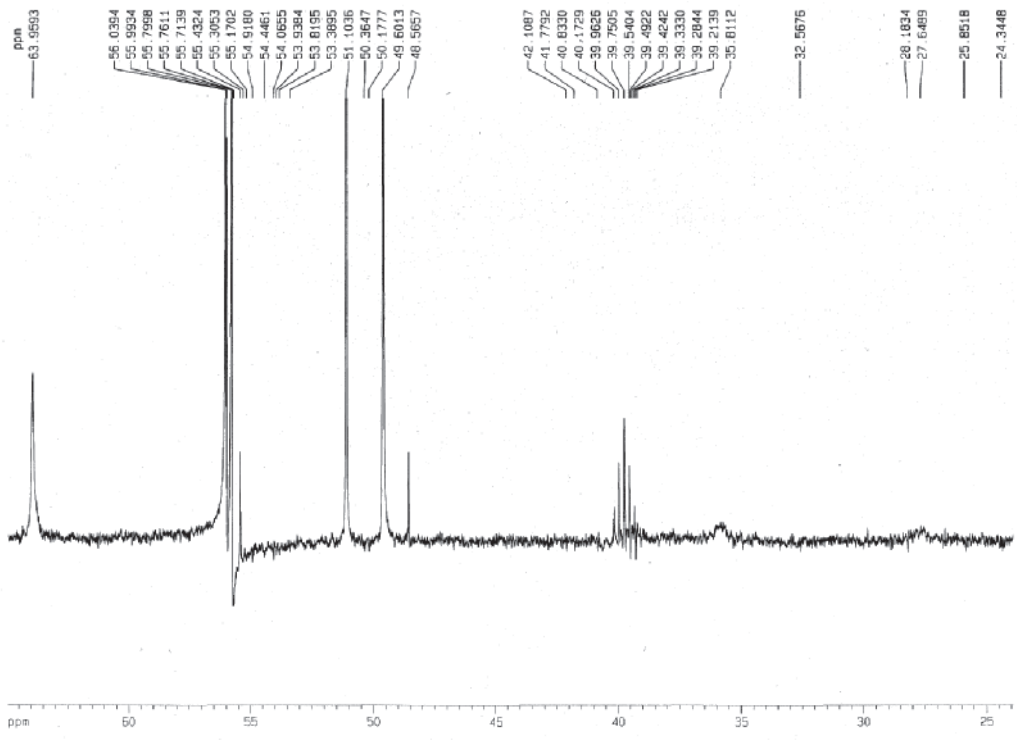


**Figure S9.** $^{13}$C NMR DEPT-135 partial spectrum of Braznitidumine (**I**) in DMSO-$d_6$, 100 MHz.

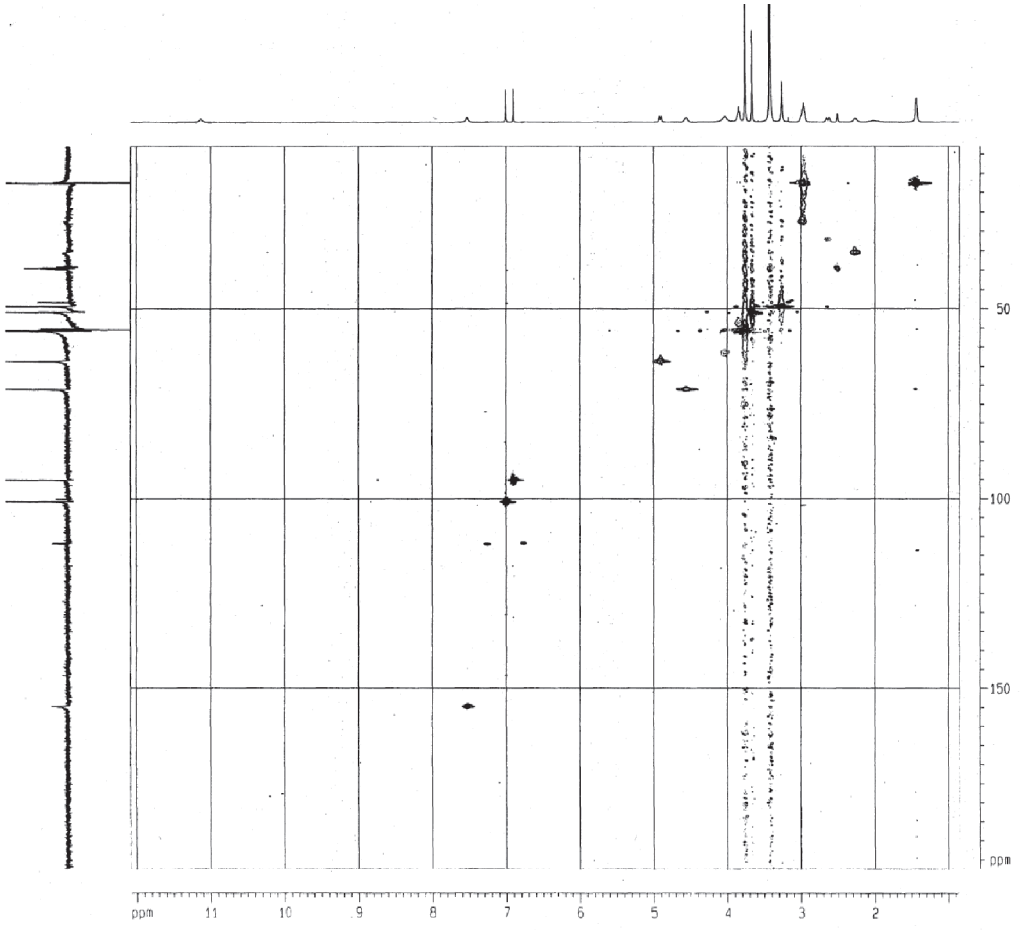


**Figure S10.** $^{1}H$ $^{13}C$ HSQC contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz.

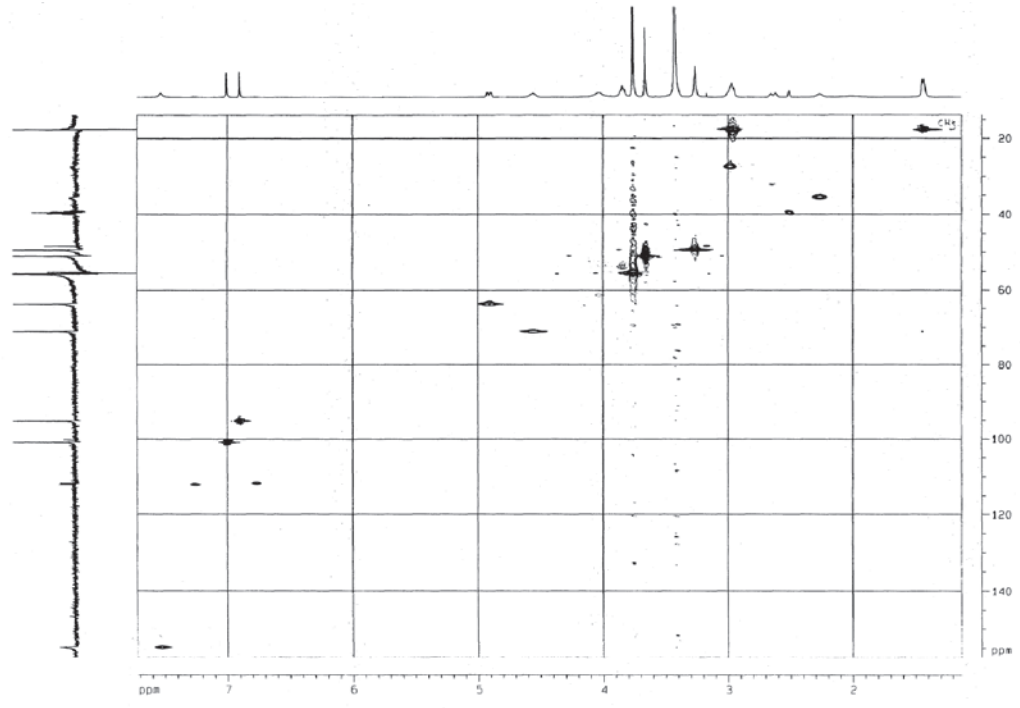


**Figure S11.** $^{1}H$ $^{13}C$ HSQC partial contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz.

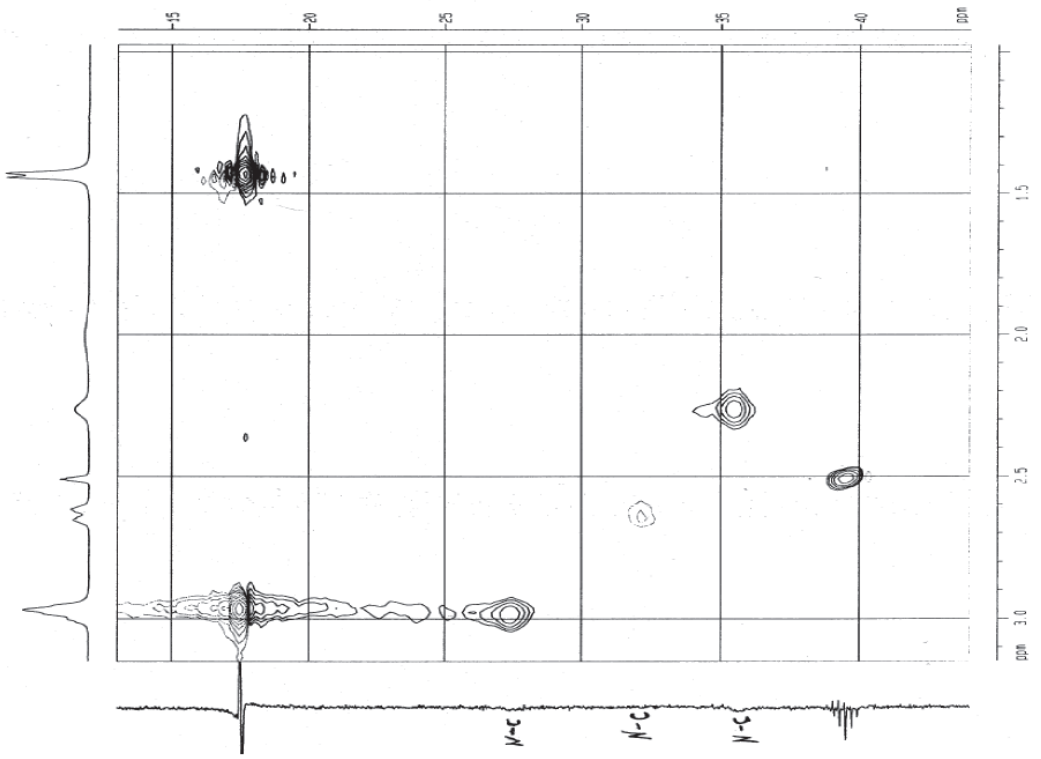


**Figure S12.** $^{1}H$ $^{13}C$ HSQC partial contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz.

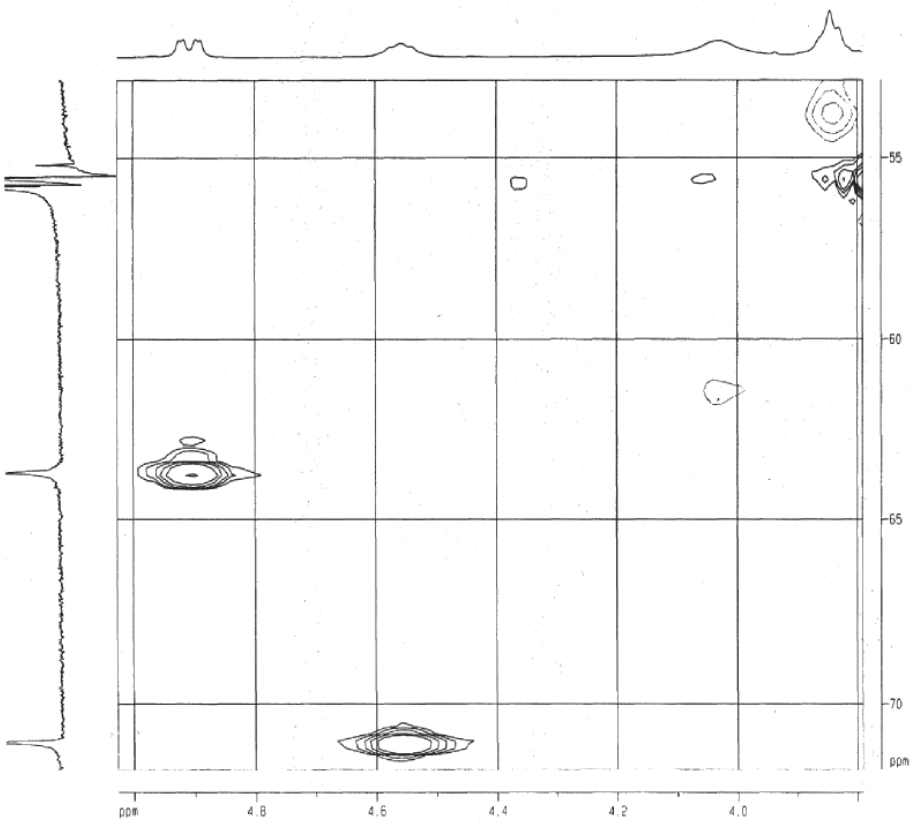


**Figure S13.** $^{1}H$ $^{13}C$ HSQC partial contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz.

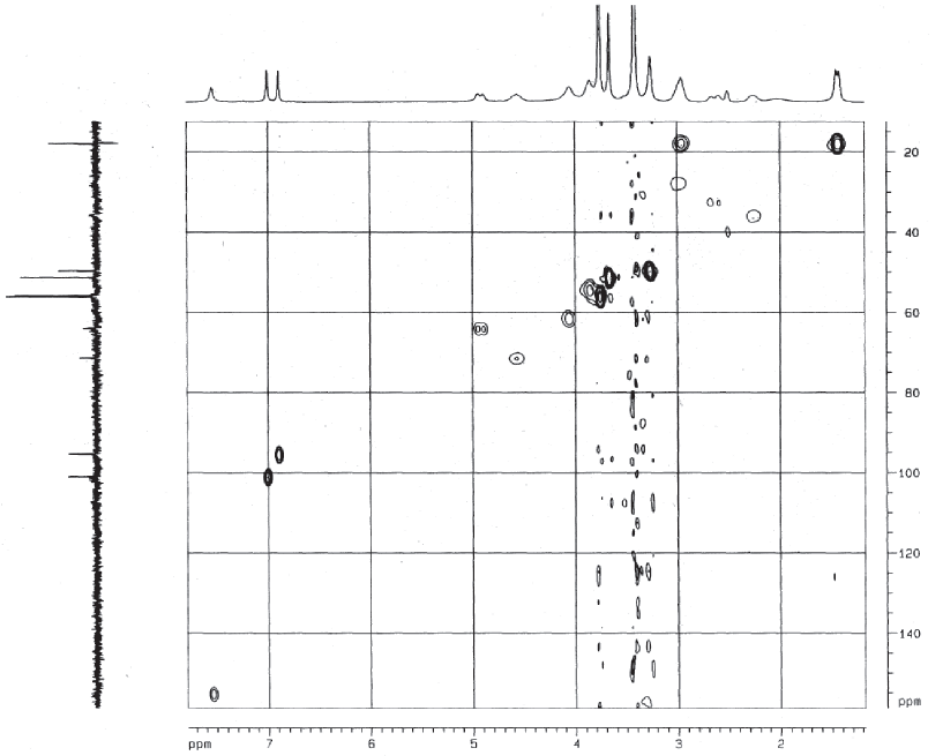


**Figure S14.** $^{1}H$ $^{13}C$ HMQC contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz.

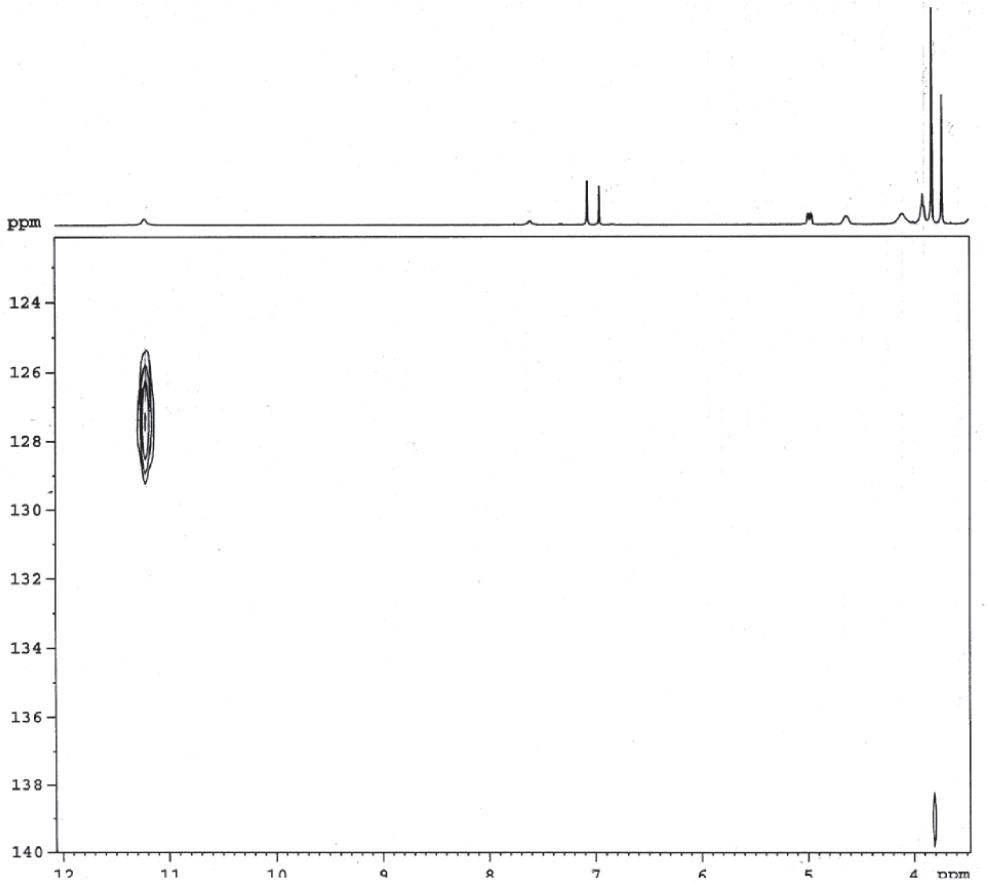


**Figure S15.** $^{1}H$ $^{15}N$ HSQC partial contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 40.55 MHz.

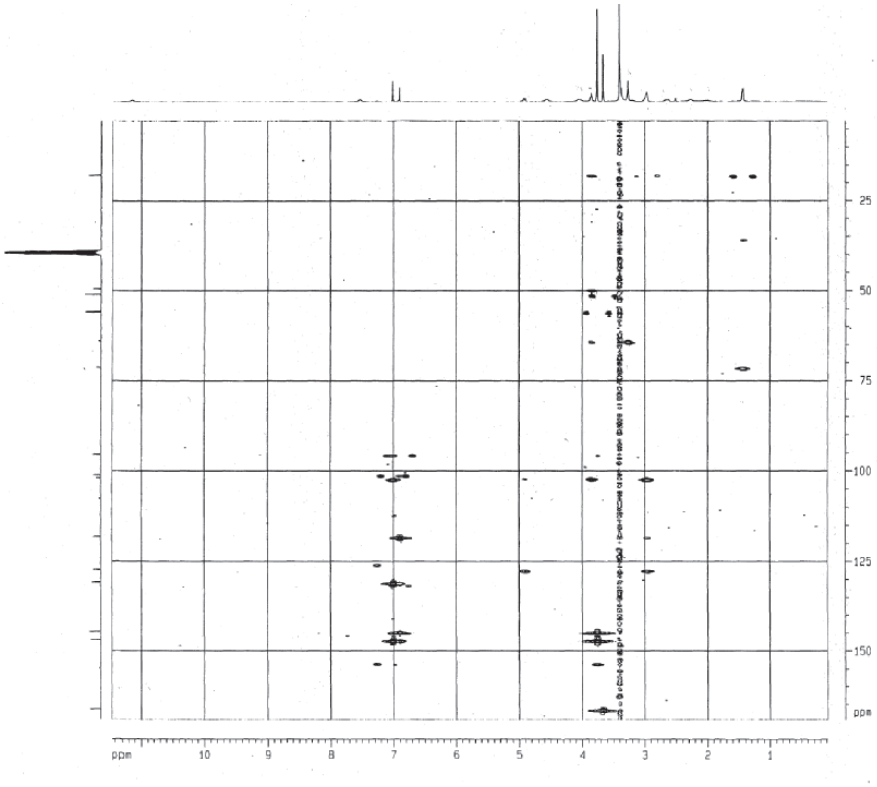


**Figure S16.** $^{1}H$ $^{13}C$ HMBC contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz; delay 65 ms.

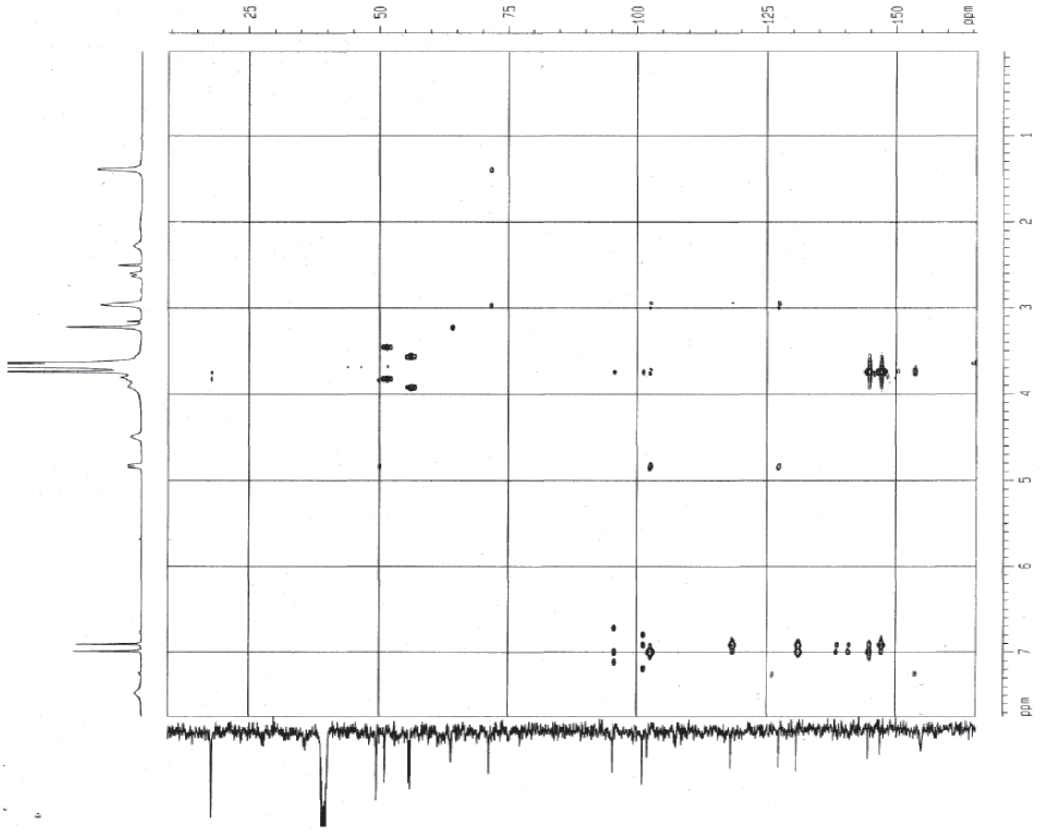


**Figure S17.** $^{1}H$ $^{13}C$ HMBC contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 40.55 MHz; delay 125 ms.

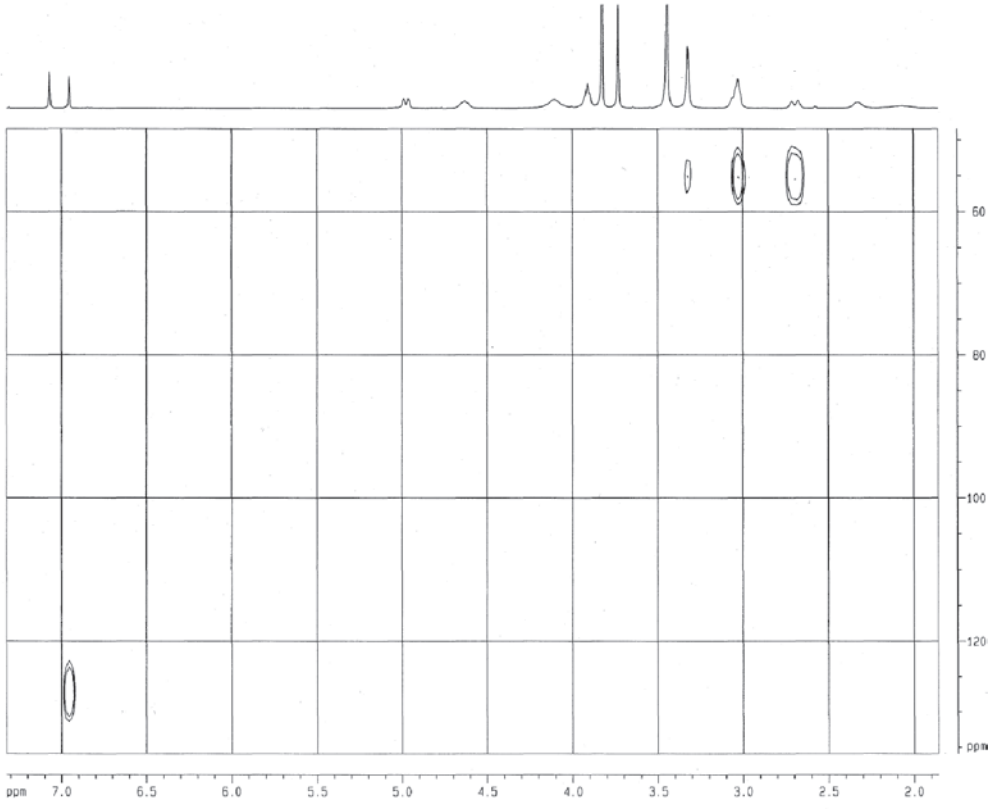


**Figure S18.** $^{1}H$ $^{15}N$ HMBC contour map of Braznitidumine (I) in DMSO- $d_6$, 400 MHz x 100 MHz; delay 130 ms.