

Supporting information

The rare transformation of 2,7-diazaspiro[4.4]nonanes in furo[3,4-c]pyridines

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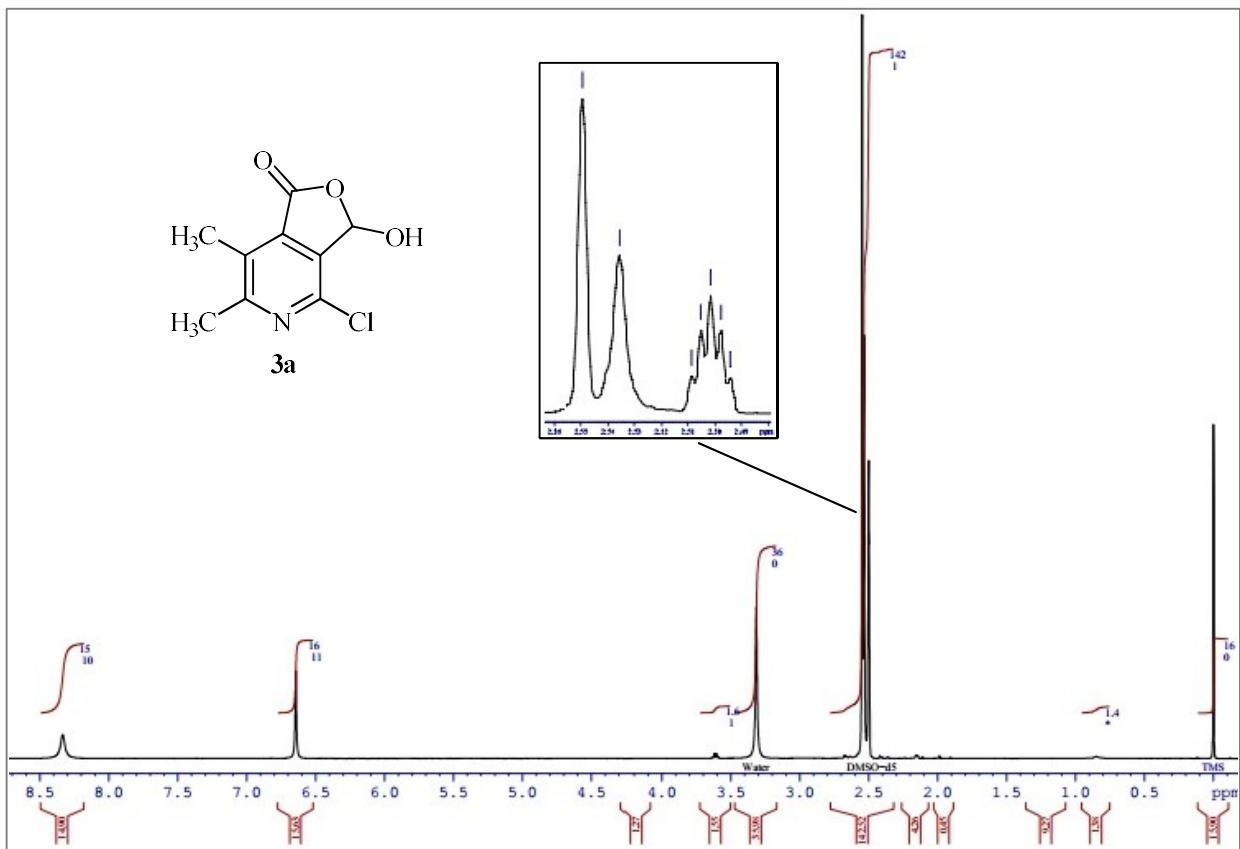


Fig. 1. ^1H -NMR-spectrum of **3a** (500 MHz, DMSO-d₆, 299K)

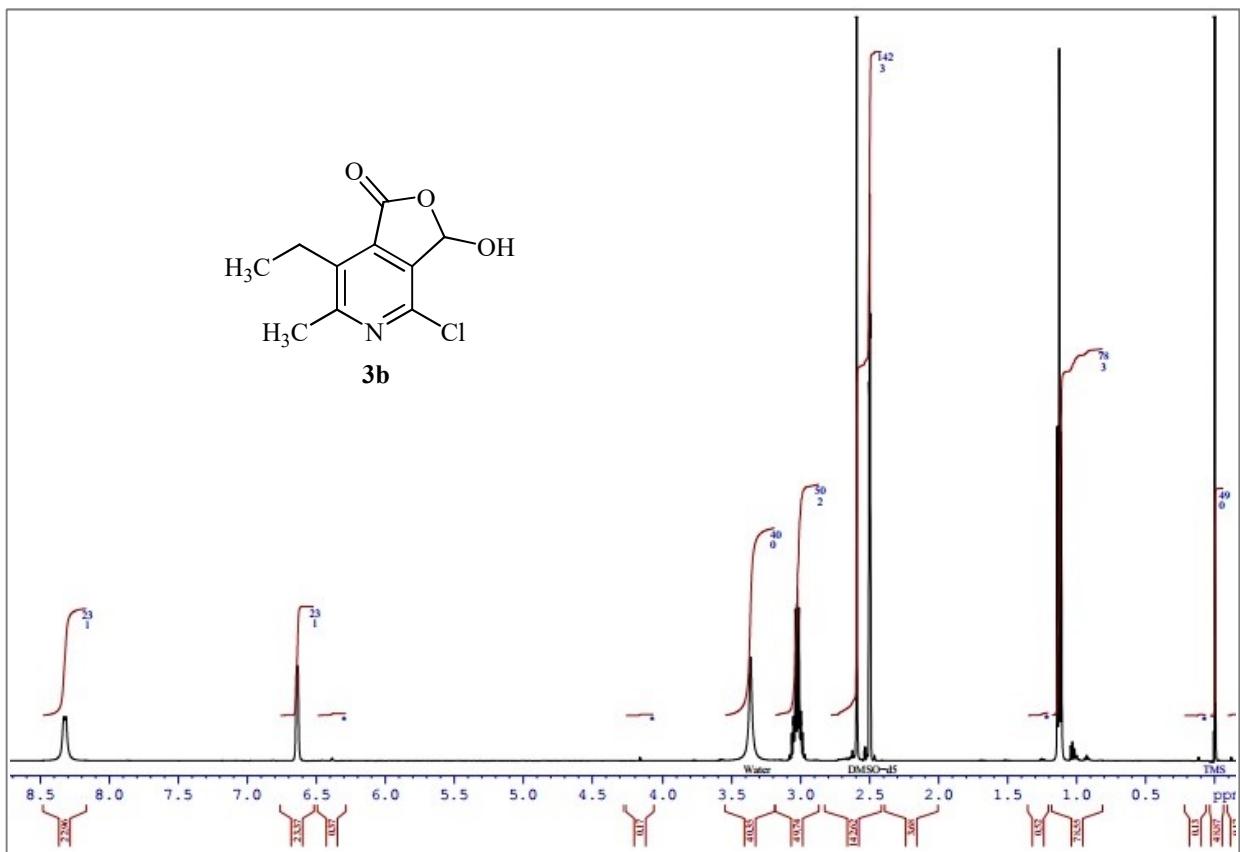


Fig. 2. ^1H -NMR-spectrum of **3b** (500 MHz, DMSO-d₆, 299K)

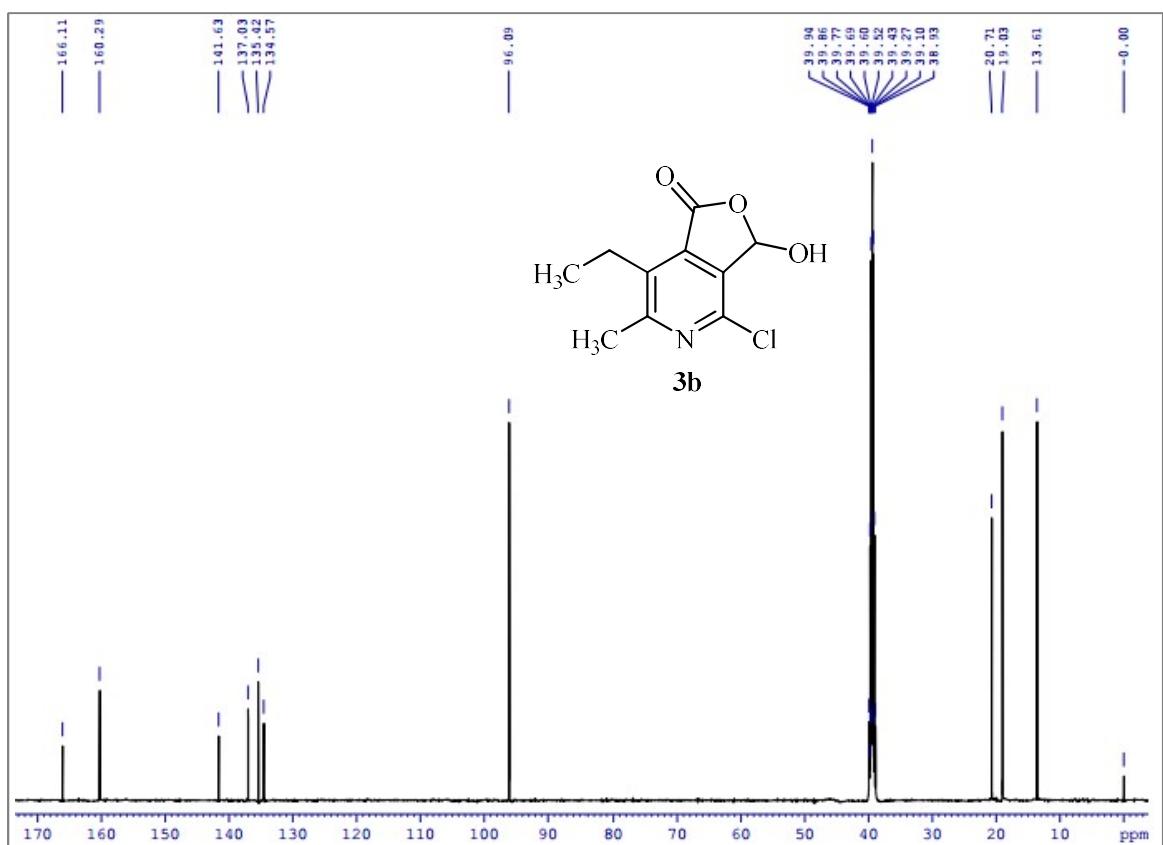


Fig. 3. ^{13}C -NMR-spectrum of **3b** (125 MHz, DMSO-d₆, 299K)

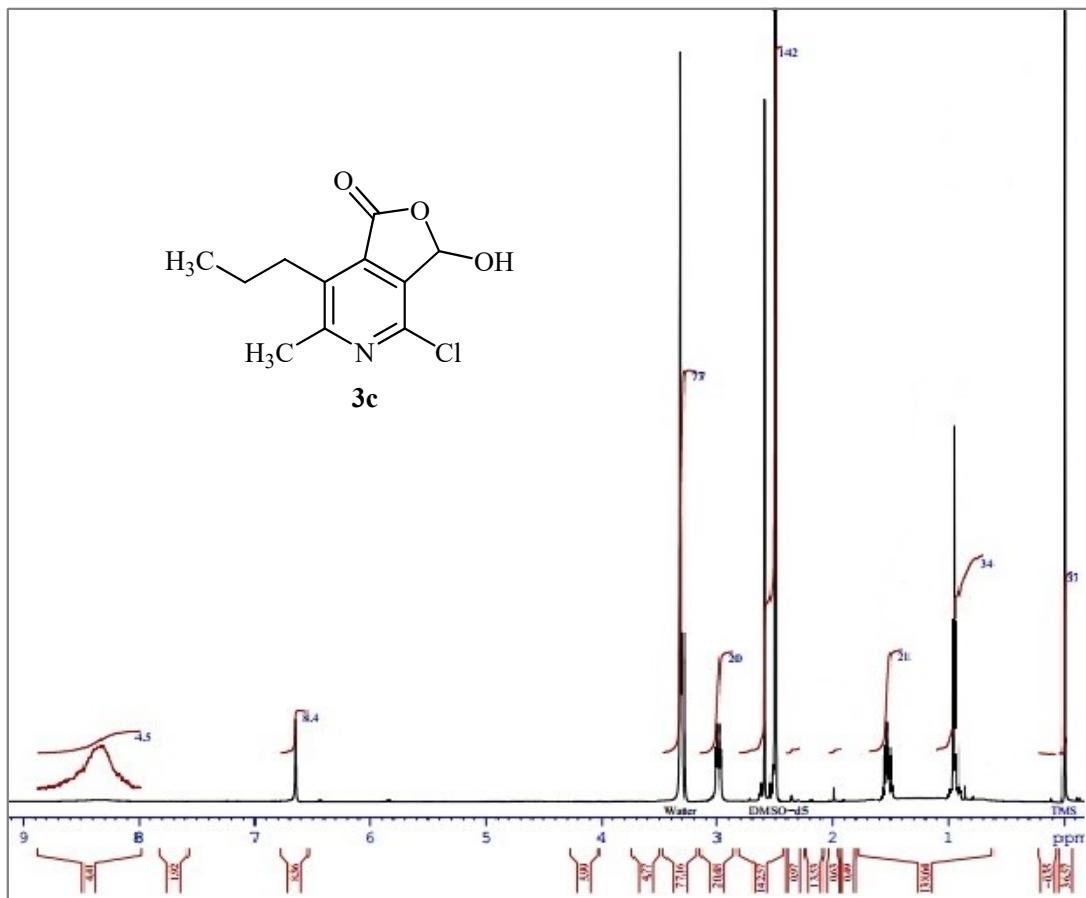


Fig. 4. ^1H -NMR-spectrum of **3c** (500 MHz, DMSO-d₆, 299K)

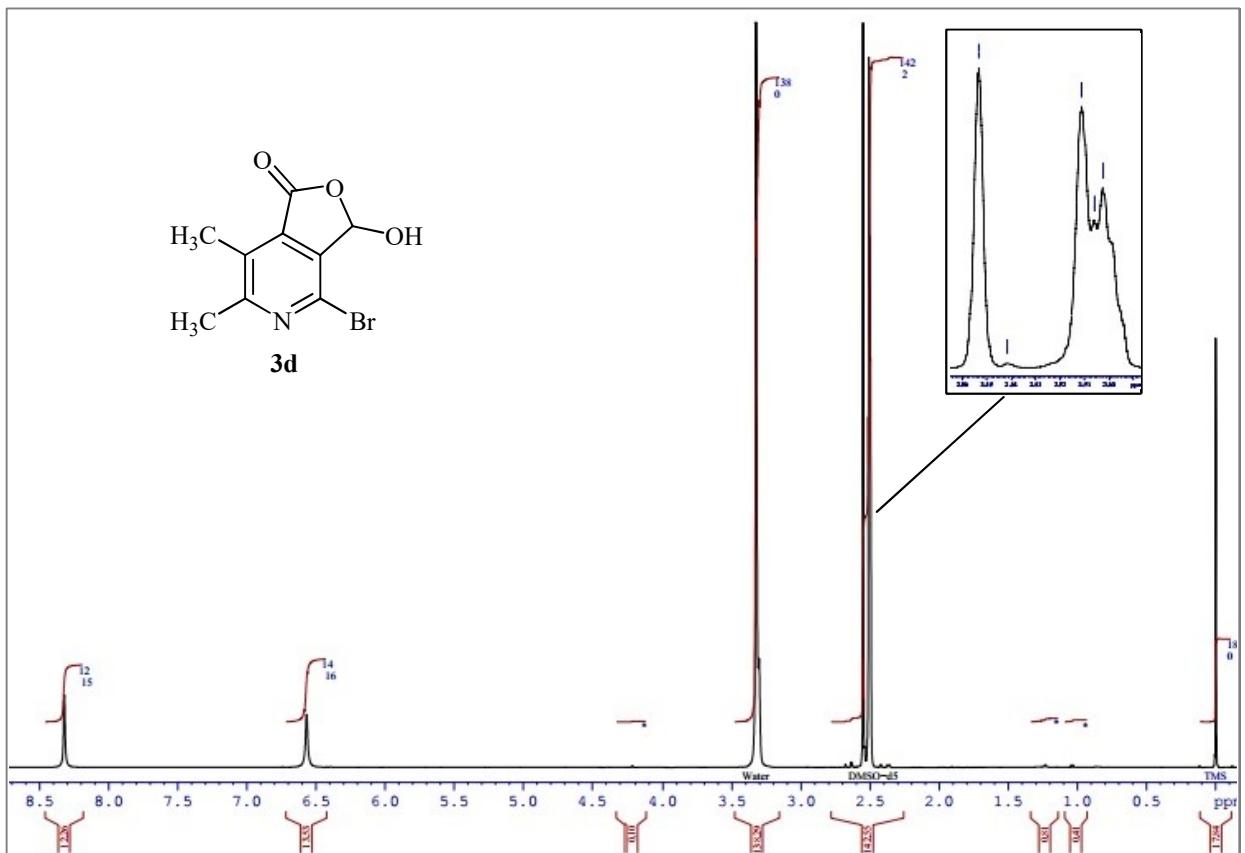


Fig. 5. ^1H -NMR-spectrum of **3d** (500 MHz, DMSO–d₆, 299K)

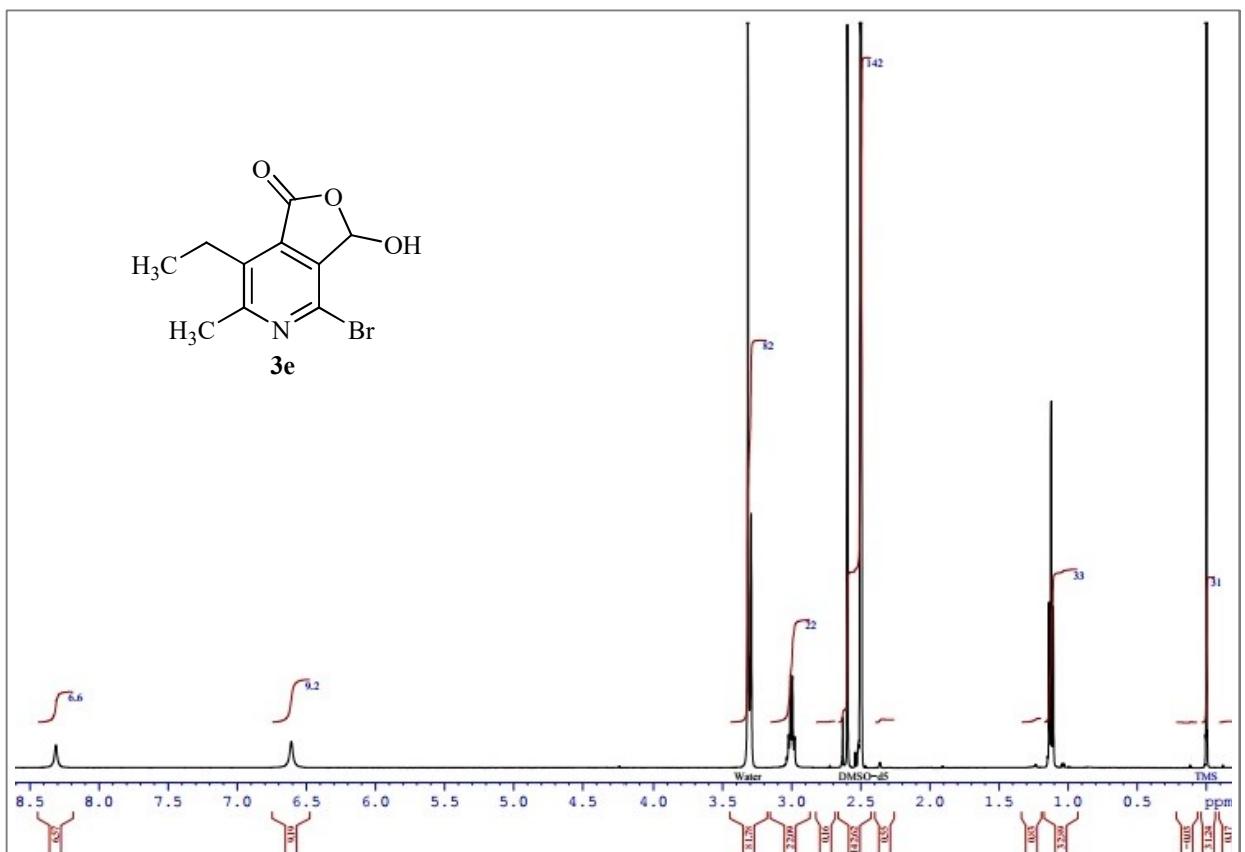


Fig. 6. ^1H -NMR-spectrum of **3e** (500 MHz, DMSO–d₆, 299K)

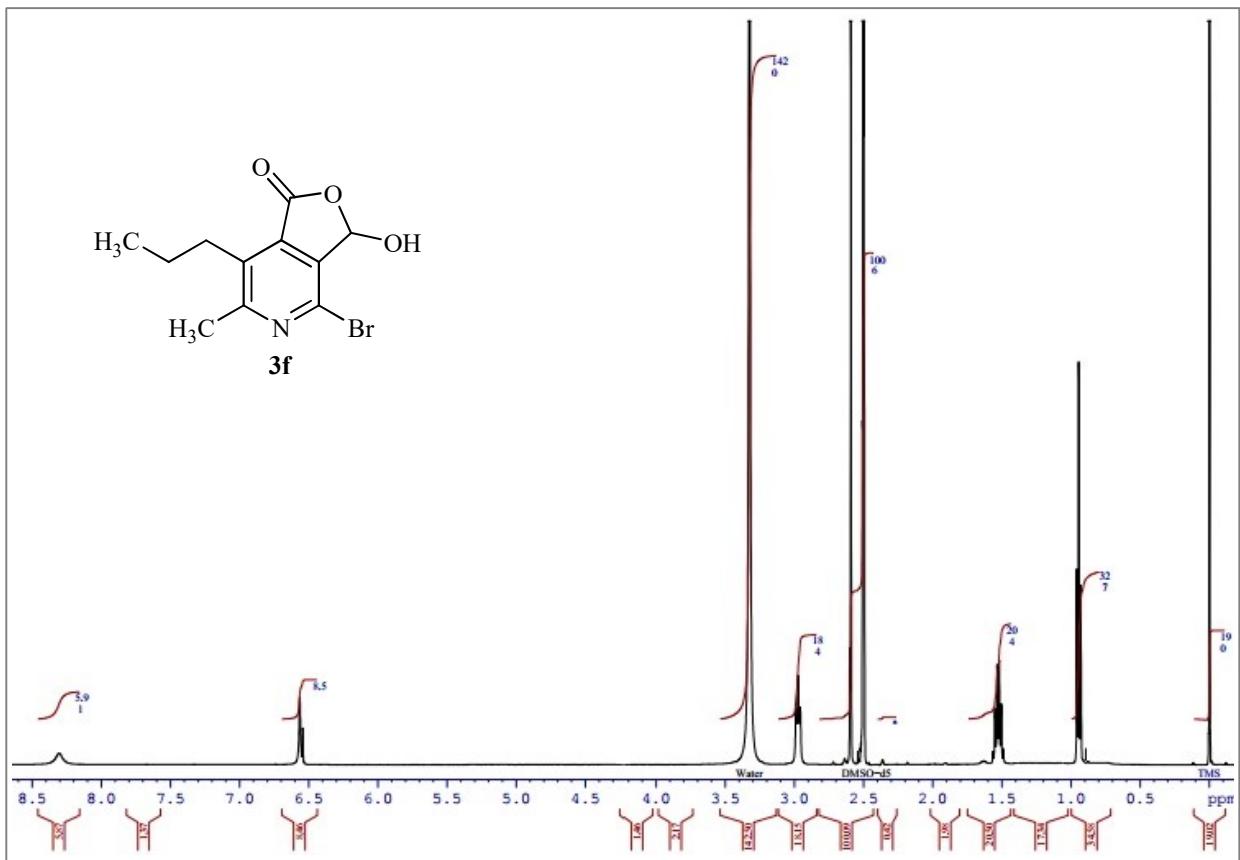


Fig. 7. ^1H -NMR-spectrum of **3f** (500 MHz, DMSO-d₆, 299K)

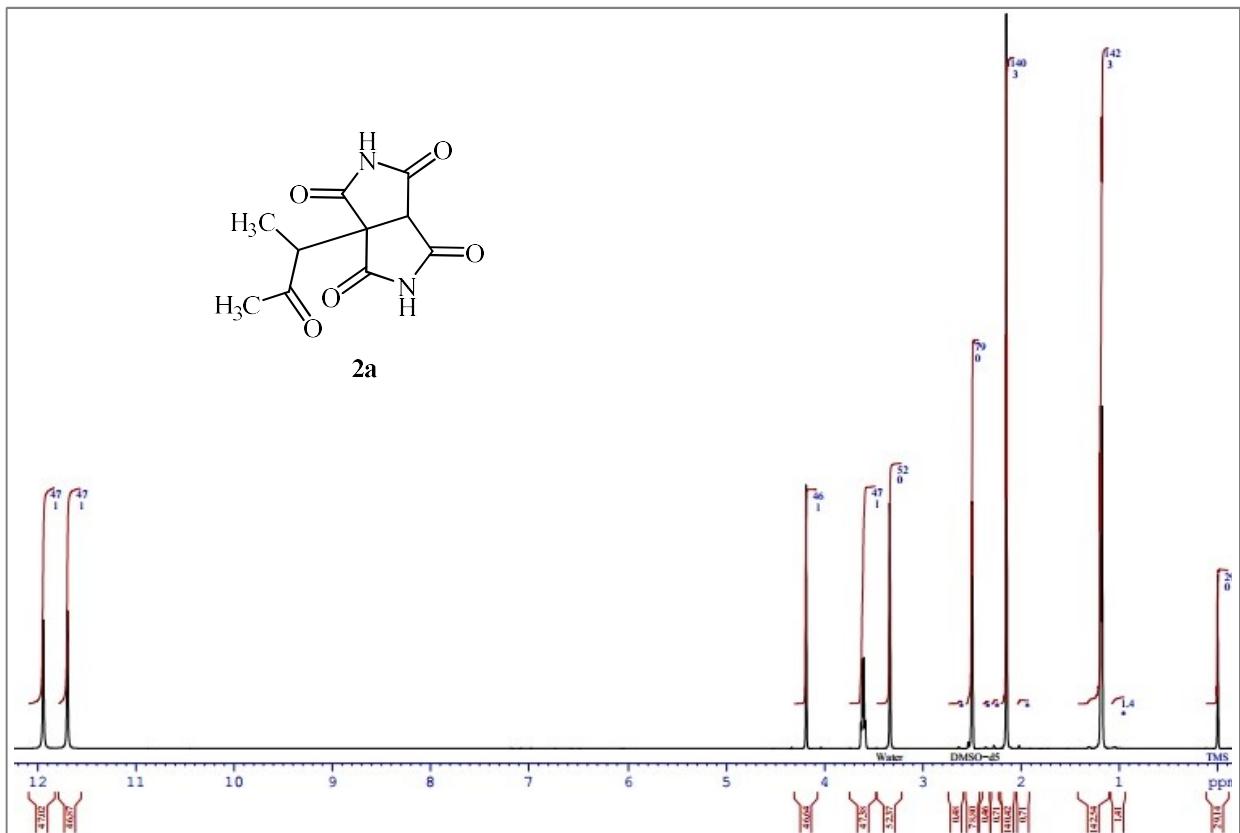


Fig. 8. ^1H -NMR-spectrum of **2a** (500 MHz, DMSO-d₆, 299K)

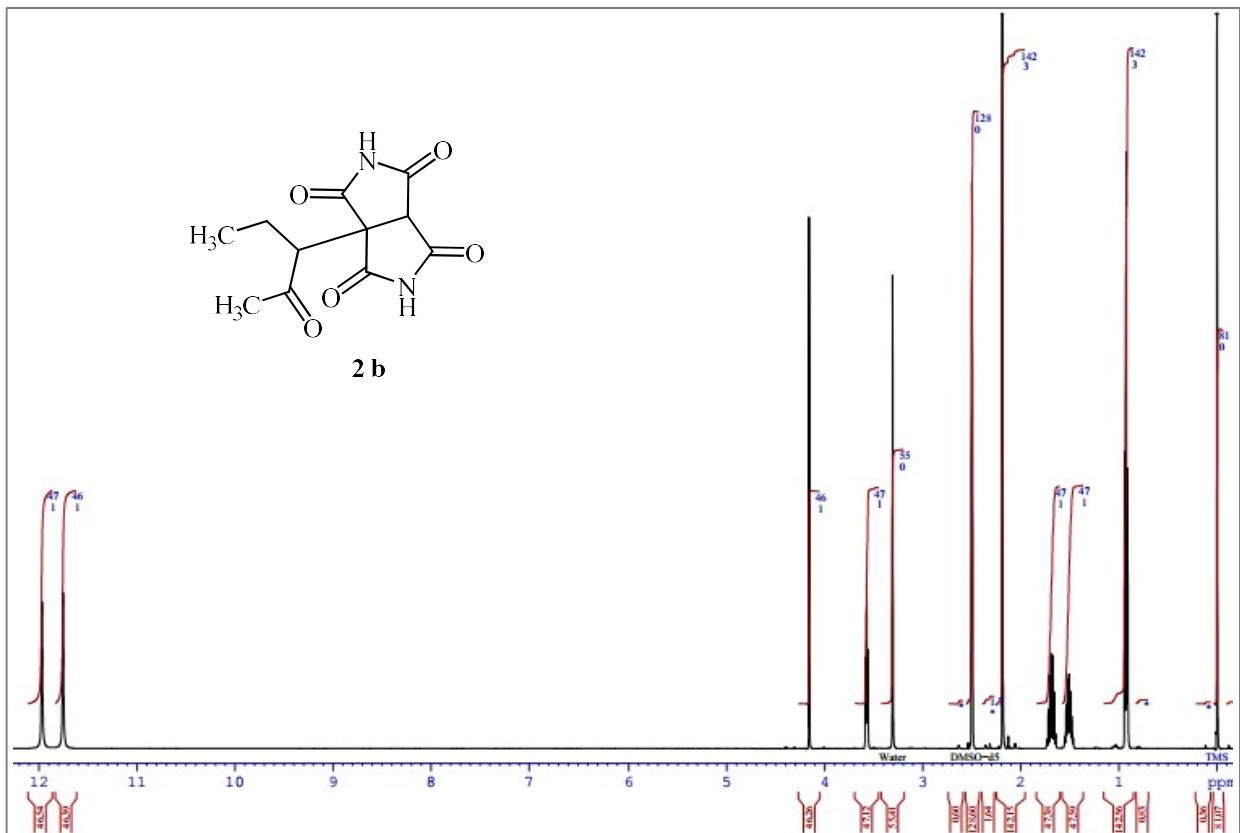


Fig. 9. ^1H -NMR-spectrum of **2b** (500 MHz, DMSO–d₆, 299K)

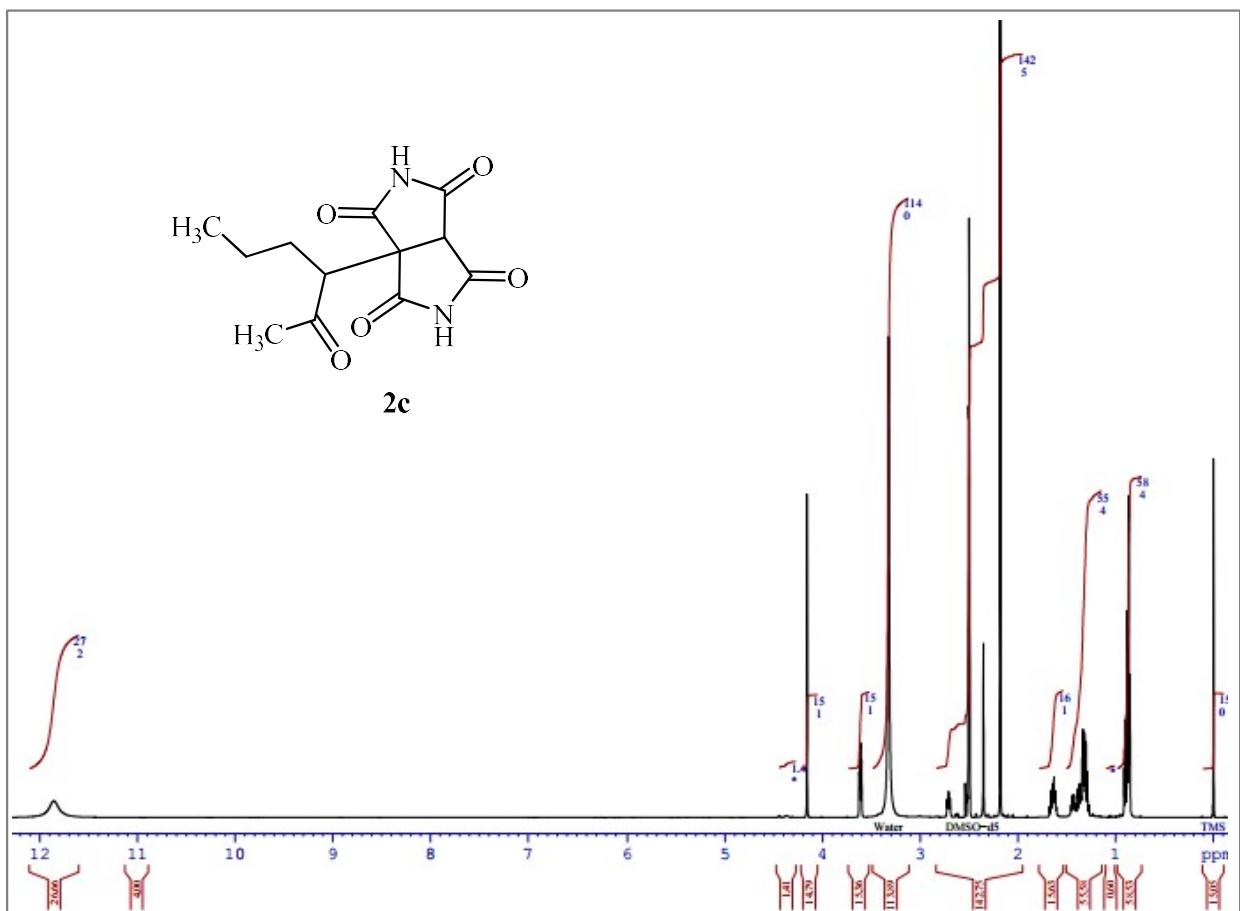


Fig. 10. ^1H -NMR-spectrum of **2c** (500 MHz, DMSO–d₆, 299K)