Supplementary figures

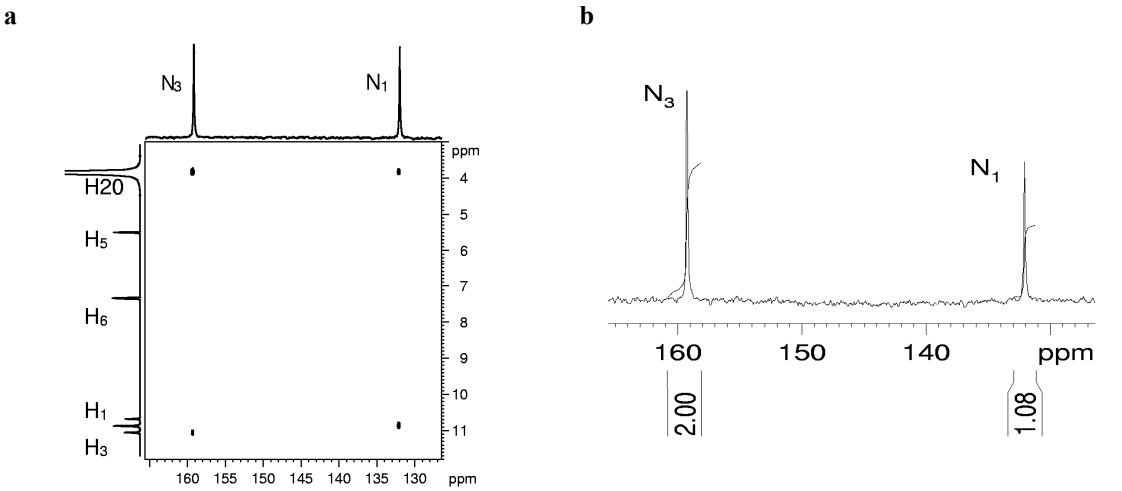

Figure A1. (a) 500 MHz ^{1}H-^{15}N HOESY spectrum of ^{15}N-enriched uracil recorded in a mixture of DMSO-d_6:H_2O (5:1, vol.) at 300 K with a mixing time of 100 ms. The top and left 1D projections show the ^{15}N and ^{1}H spectra, respectively. (b) F2 trace along the water ^{1}H chemical shift showing that the N_3-water cross-peak is twice as intense as the N_1-water cross-peak.

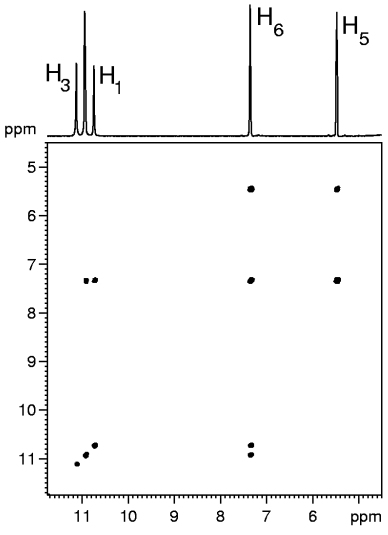

Figure A2. 500 MHz ^{1}H-^{1}H COSY spectrum of ^{15}N-enriched uracil recorded in a mixture of DMSO-d_6:H_2O (5:1, vol.) at 300 K. The ^{1}H spectrum, shown as the 1D projection, can easily be assigned from the observed cross-peaks.

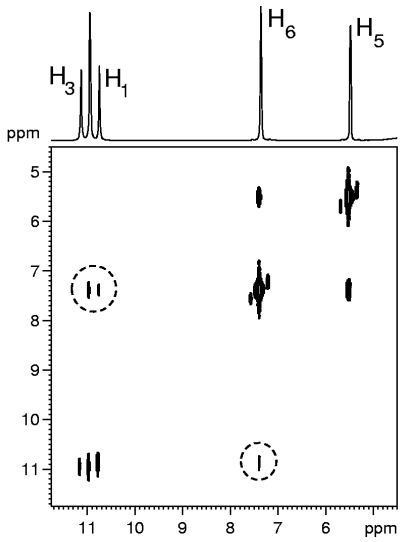

Figure A3. 500 MHz ^{1}H-^{1}H NOESY spectrum of ^{15}N-enriched uracil recorded in a mixture of DMSO-d_6:H_2O (5:1, vol.) at 300 K with a mixing time of 500 ms. The ^{1}H spectrum is shown as the 1D projection. The dashed circles evidence the NOE cross-peak between H_6 and H_1, hereby confirming the spectral assignment.