

Supplementary file 1

Spectral data of 6-amino-1,3-dimethylpyrimidine-2,4-dione

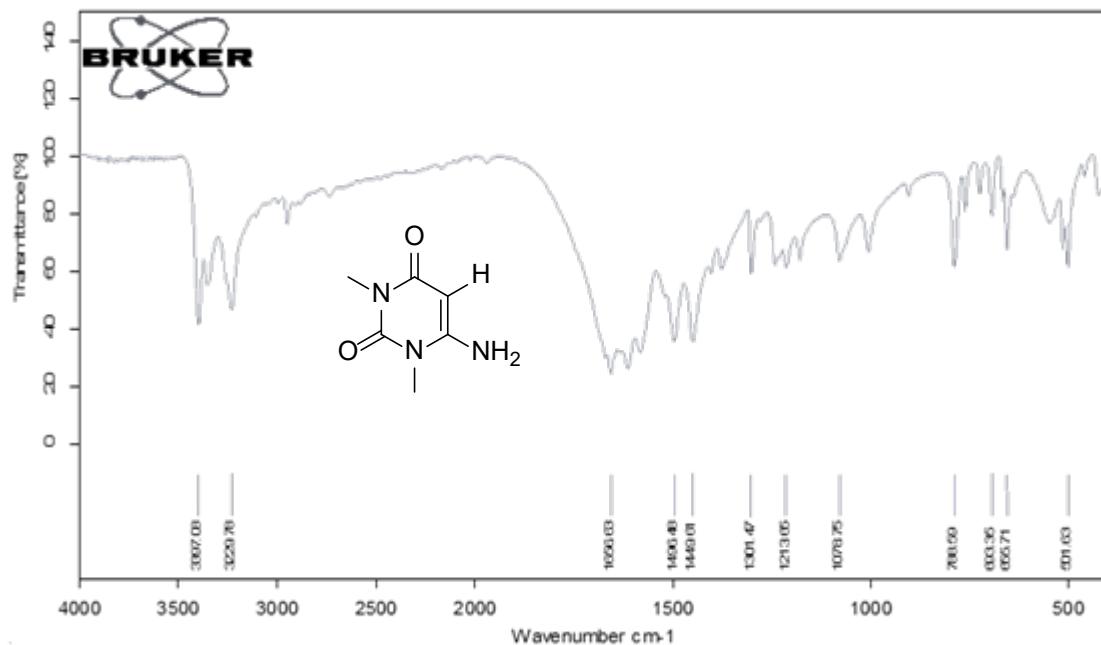


Figure S1: FT-IR spectrum of the 6-amino-1,3-dimethylpyrimidine-2,4-dione.

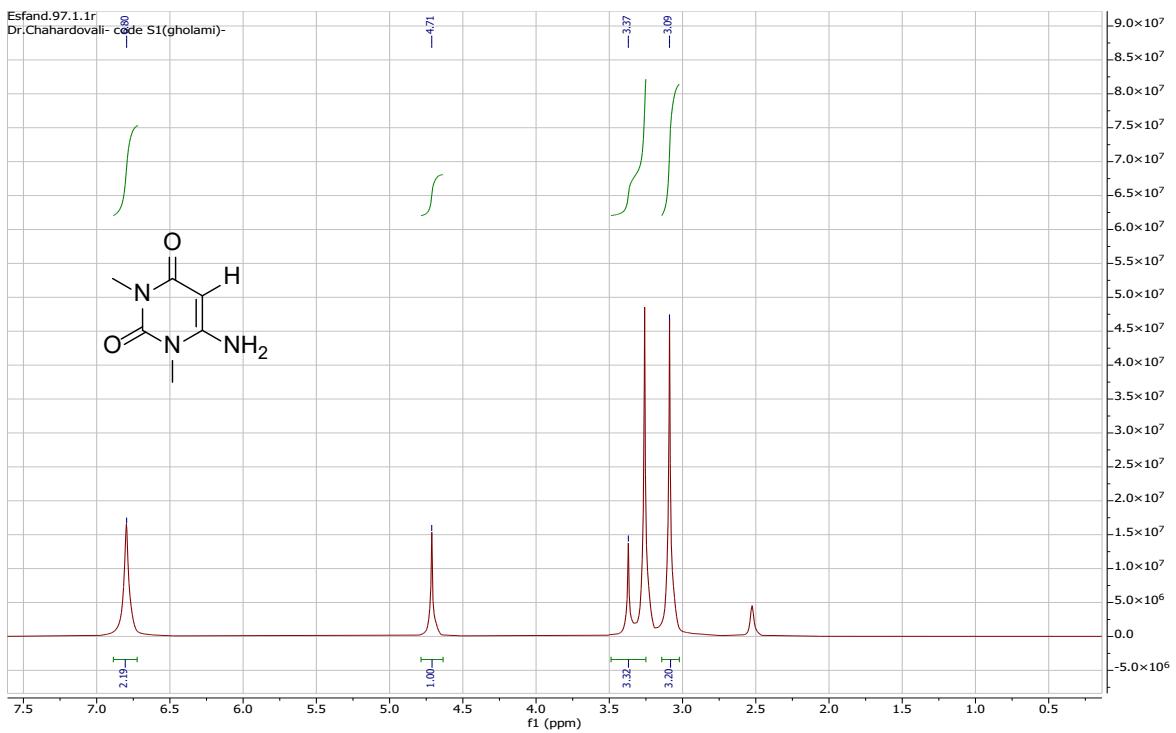


Figure S2: ^1H -NMR spectrum of the 6-amino-1,3-dimethylpyrimidine-2,4-dione.

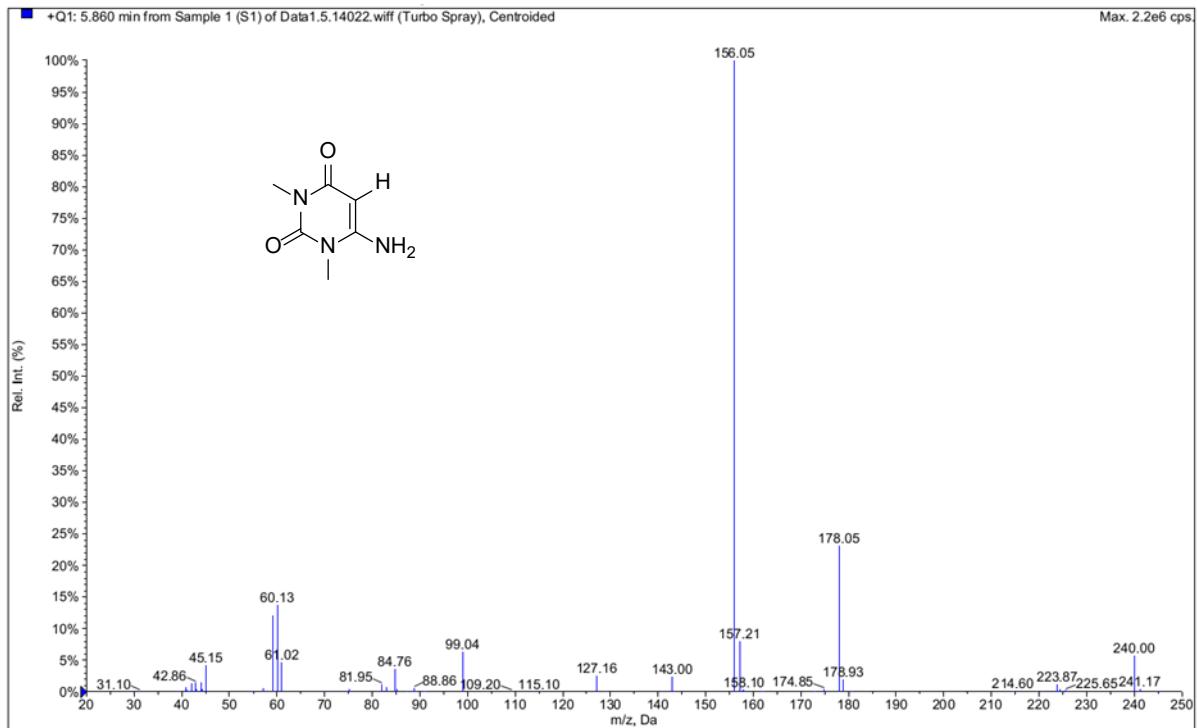


Figure S3: Mass spectrum of the 6-amino-1,3-dimethylpyrimidine-2,4-dione.

Spectral data of 6-Amino-1,3-dimethyl-5-nitroso-uracil

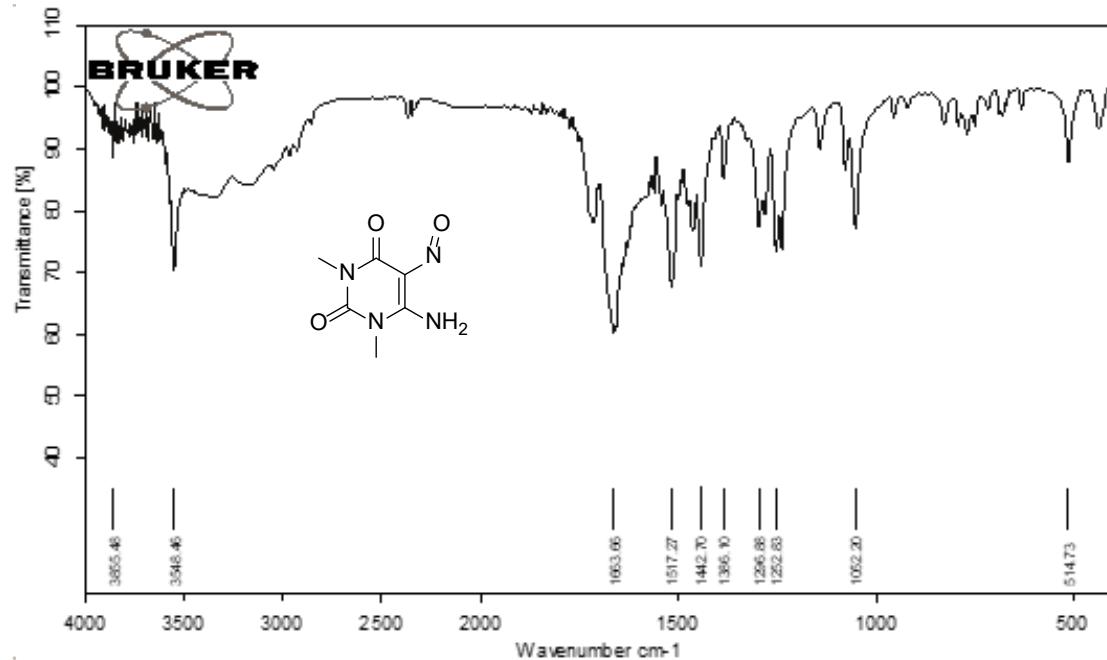


Figure S4: FT-IR spectrum of the 6-Amino-1,3-dimethyl-5-nitroso-uracil.

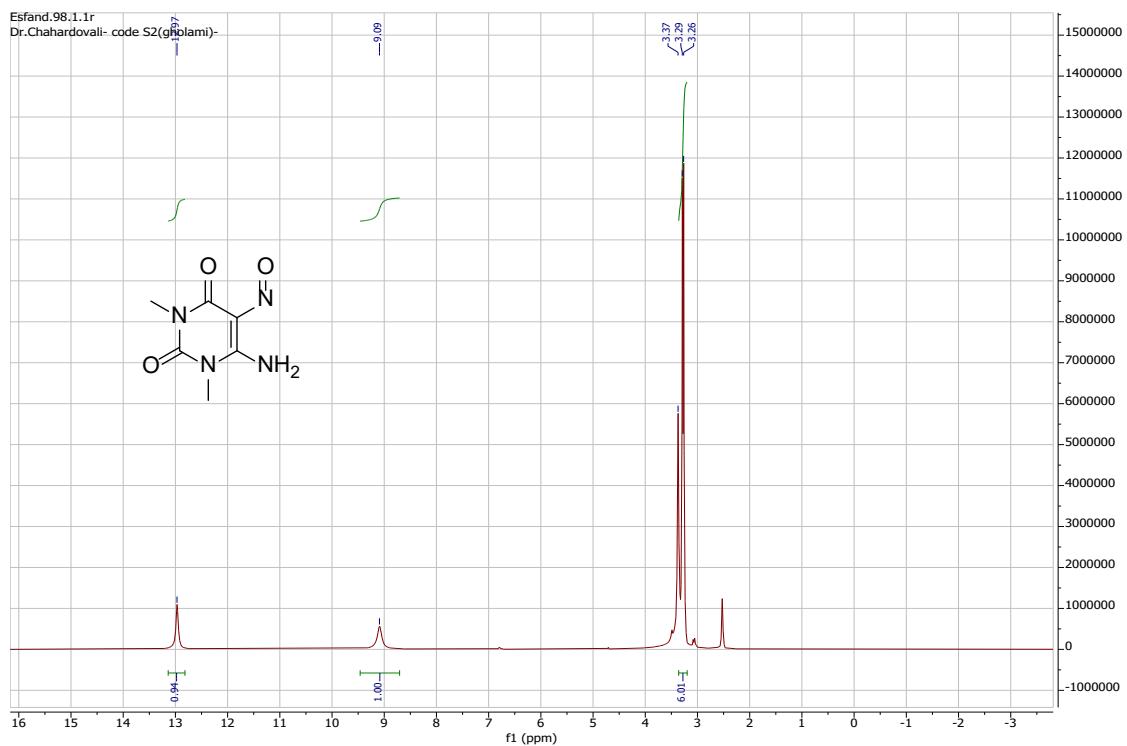


Figure S5: ¹H-NMR spectrum of the 6-Amino-1,3-dimethyl-5-nitroso-uracil.

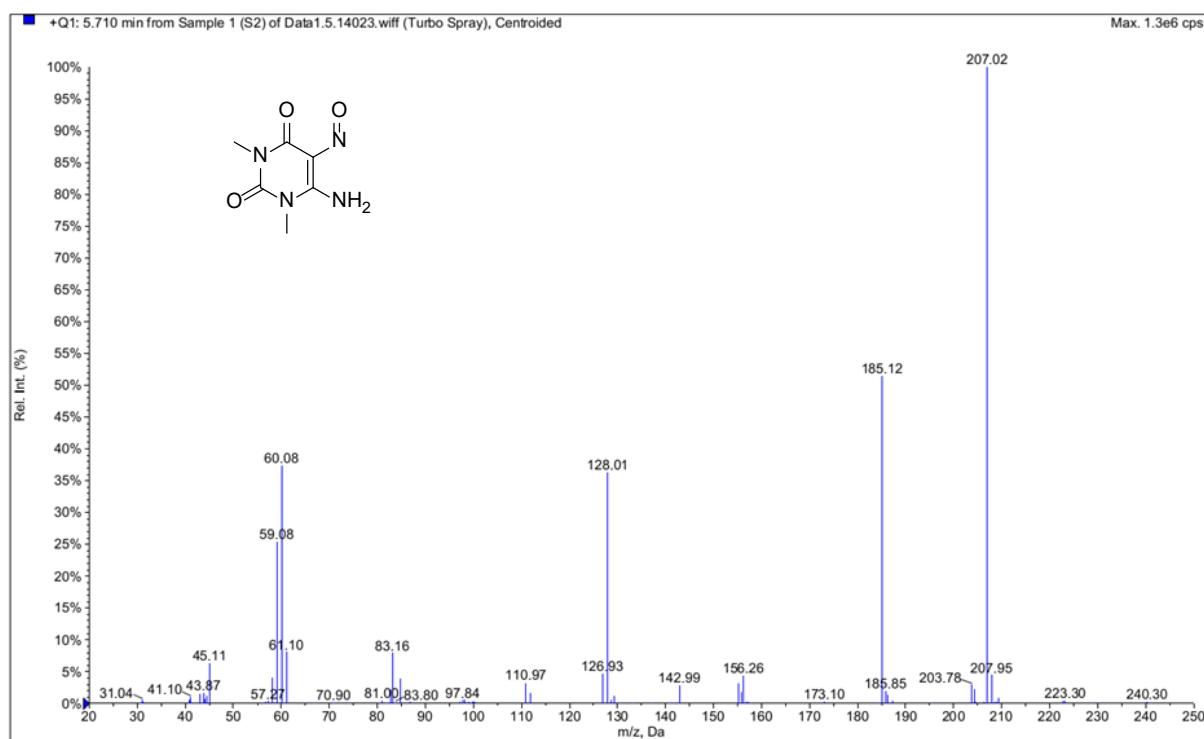


Figure S6: MASS spectrum of the 6-Amino-1,3-dimethyl-5-nitroso-uracil.

Spectral data of 5,6-diamino-1,3-dimethyl uracil

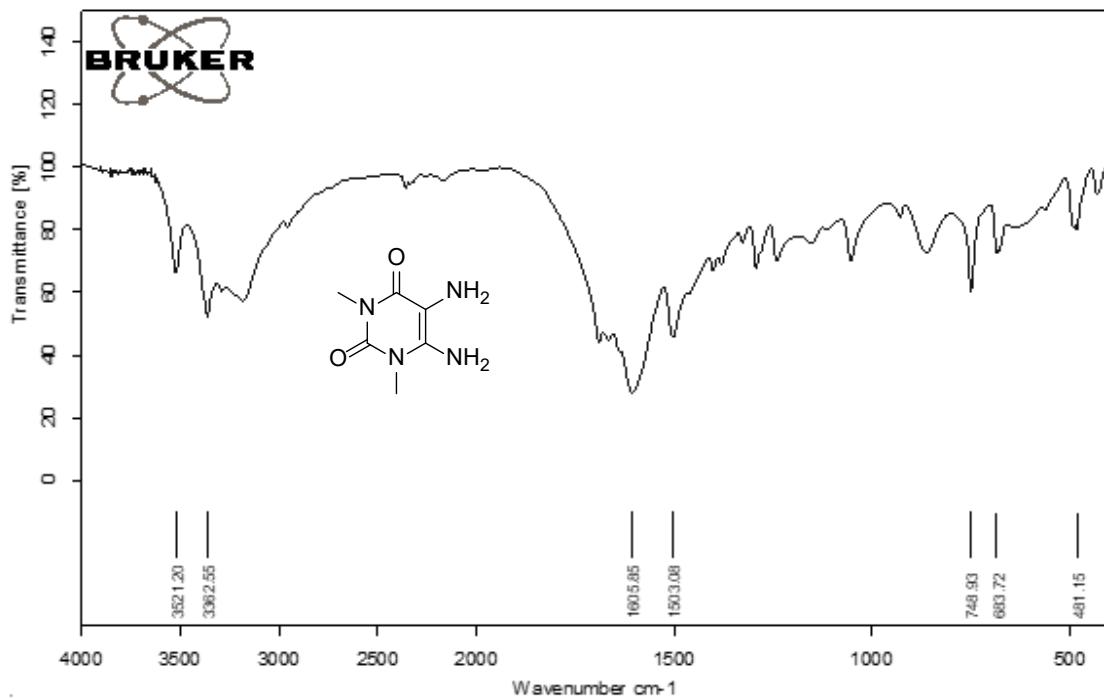


Figure S7: FT-IR spectrum of the 5,6-diamino-1,3-dimethyl uracil.

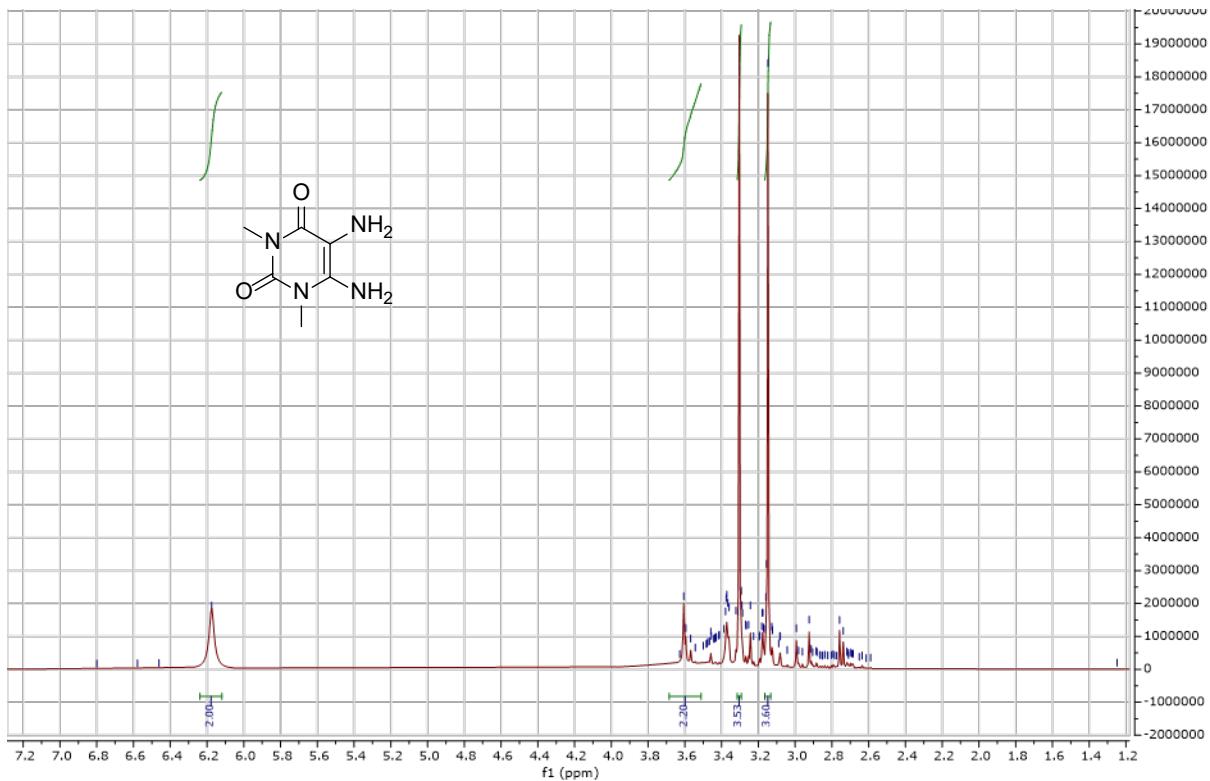


Figure S8: ¹H-NMR spectrum of the 5,6-diamino-1,3-dimethyl uracil.

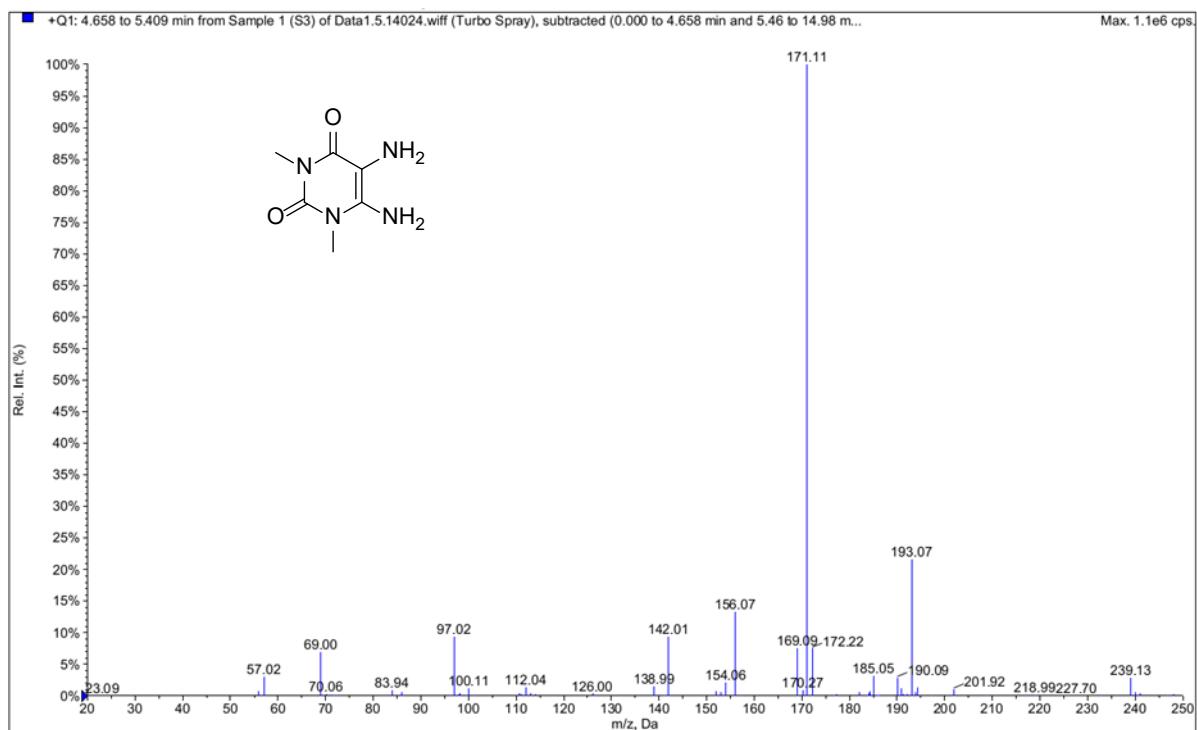


Figure S9: Mass spectrum of the 5,6-diamino-1,3-dimethyl uracil.

Spectral data of theophylline

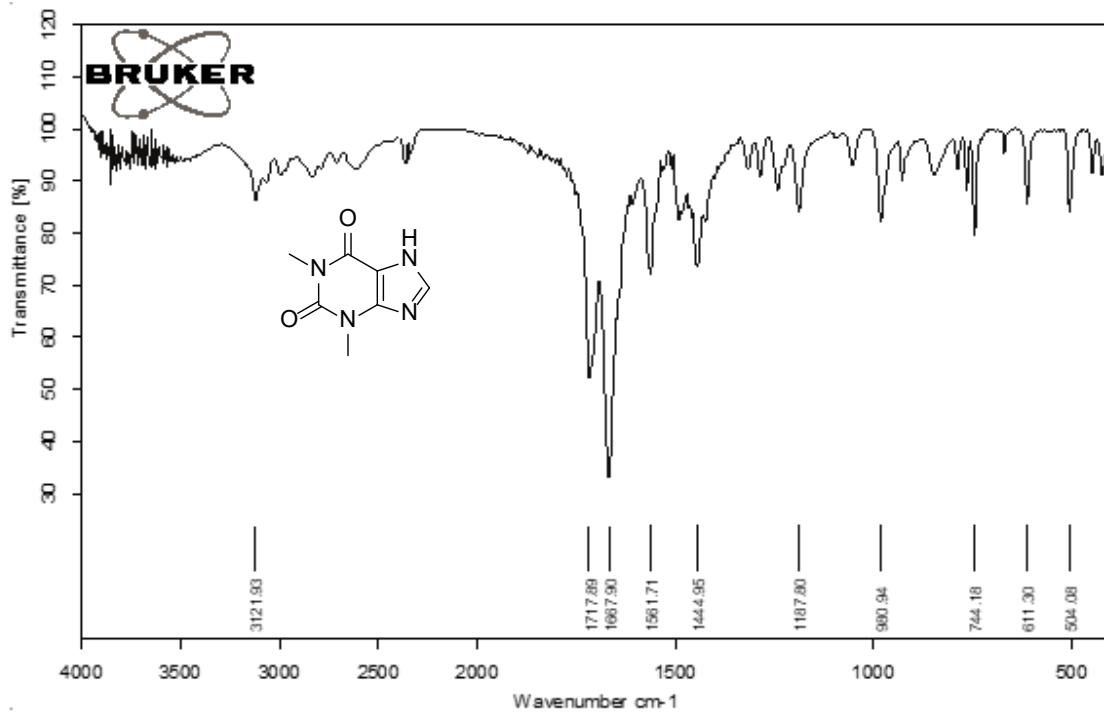


Figure S10: FT-IR spectrum of the theophylline.

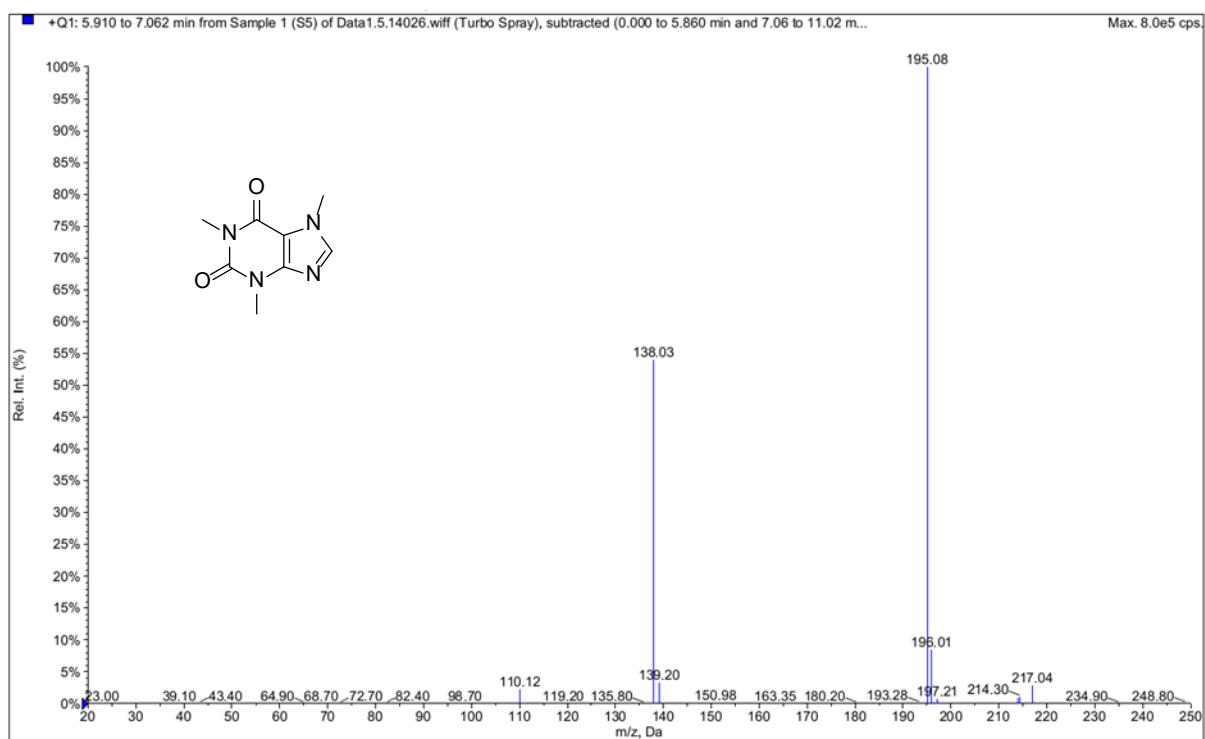


Figure S11: Mass spectrum of the caffeine.