

Supplementary Material

1-[2-(1*H*-Pyrrole-2-carbonyl)phenyl]-3-(4-methoxyphenyl)urea

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¹ H NMR spectrum of compound 3	S1
¹ H NMR spectrum of compound 4	S2
¹ H NMR spectrum of compound 5	S3
¹ H NMR spectrum of compound 6	S4
¹³ C NMR spectrum of compound 6	S5
IR spectrum of compound 6	S6
HRMS (ESI) spectrum of compound 6	S7
¹ H NMR spectrum of compound 7	S8
¹³ C NMR spectrum of compound 7	S9
IR spectrum of compound 7	S10
UV spectrum of compound 7	S11
HRMS (ESI) spectrum of compound 7	S12

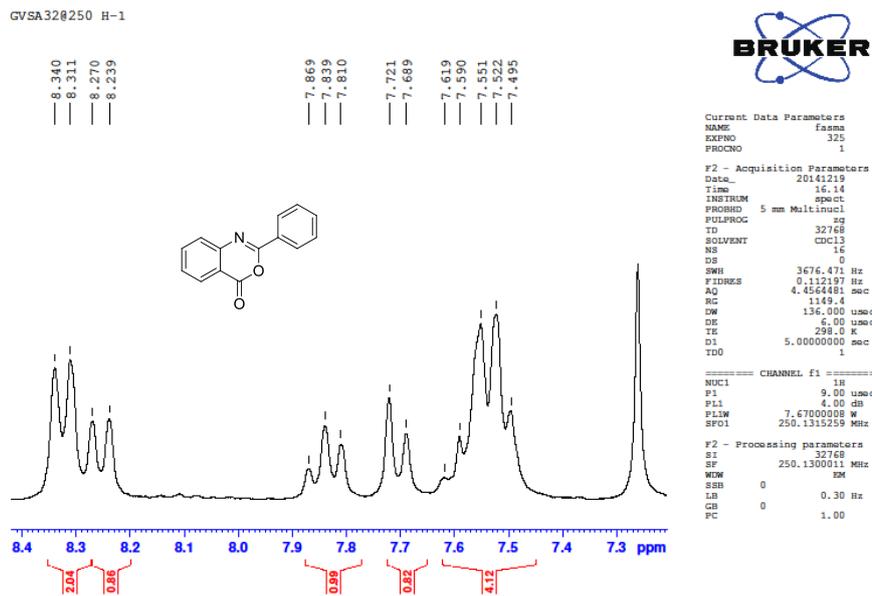


Figure S1. ^1H NMR (250 MHz) spectrum of 2-phenyl-4H-3,1-benzooxazin-4-one (3) in CDCl_3 .

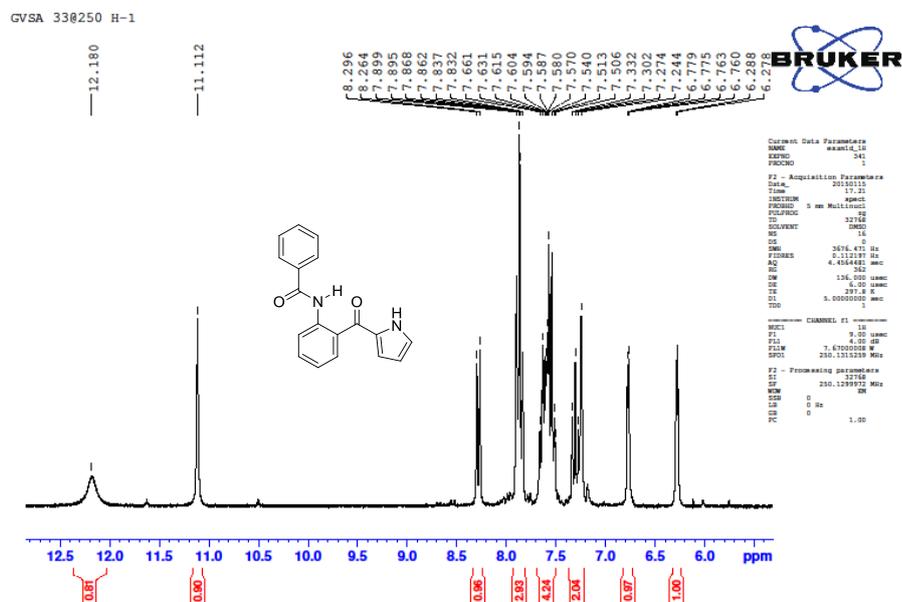


Figure S2. ^1H NMR (250 MHz) spectrum of N-(2-(1H-pyrrole-2-carbonyl)phenyl)benzamide (4) in CDCl_3 .

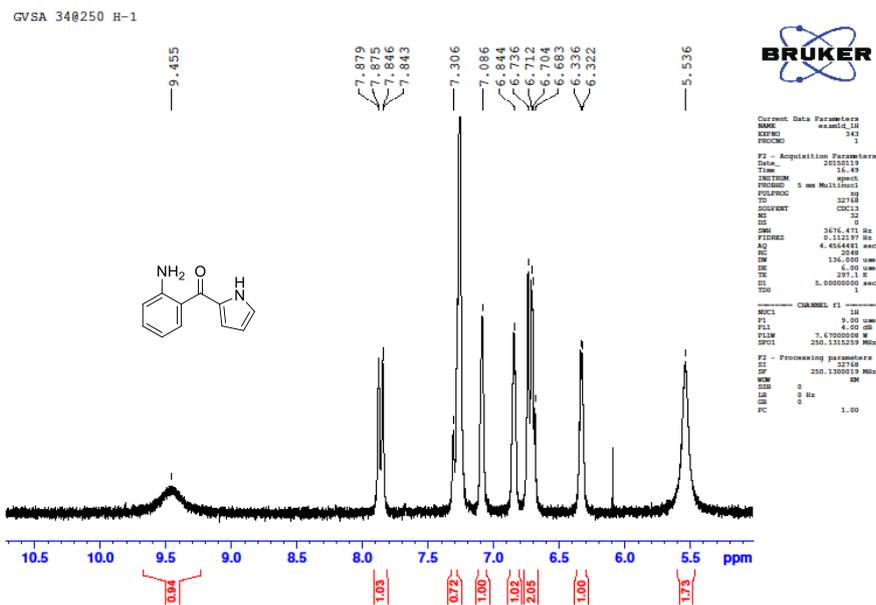


Figure S3. ^1H NMR (250 MHz) spectrum of (2-aminophenyl)(1H-pyrrol-2-yl)methanone (**5**) in CDCl_3 .

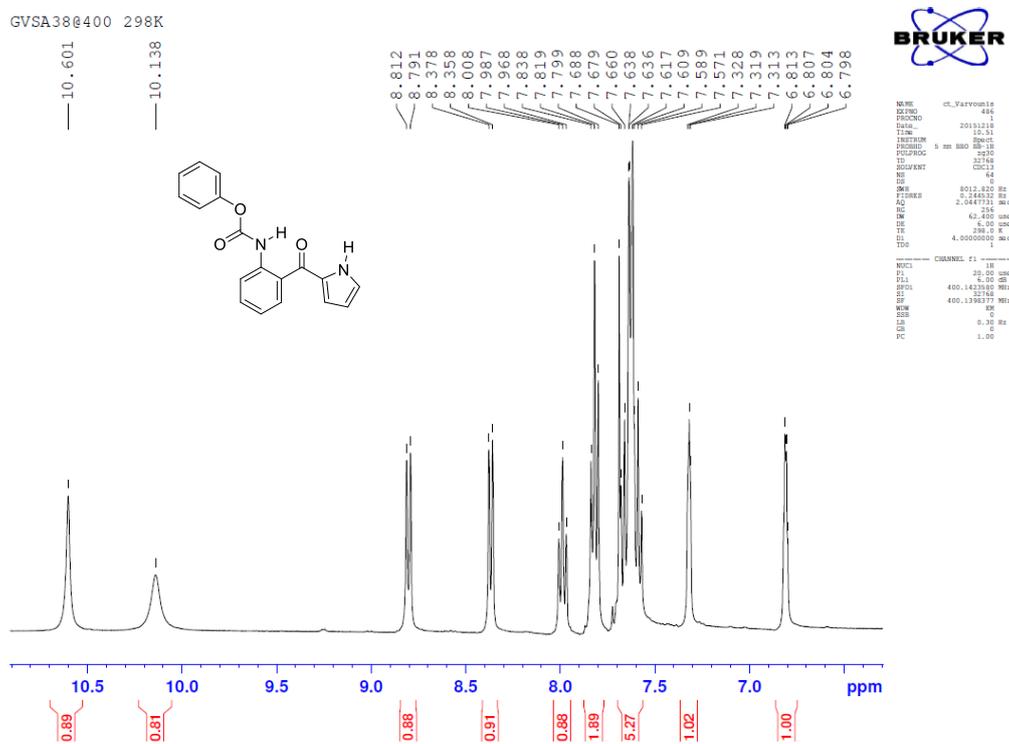


Figure S4. ^1H NMR (400 MHz) spectrum of phenyl (2-(1H-pyrrole-2-carbonyl)phenyl)carbamate (**6**) in CDCl_3 .

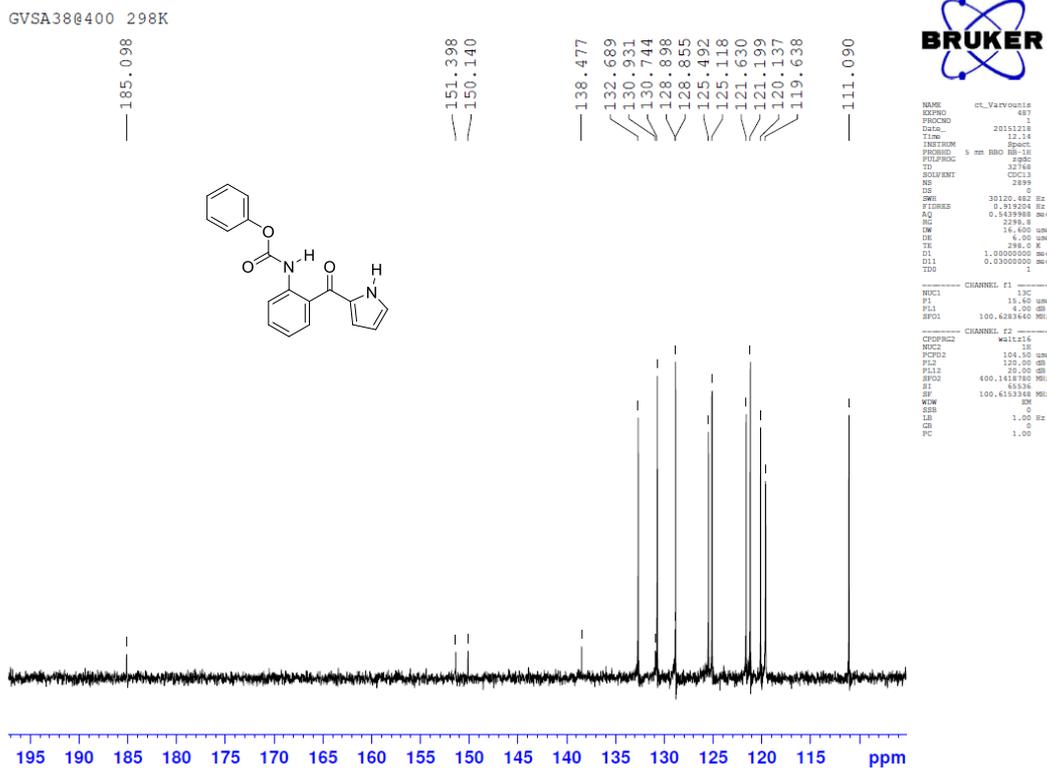


Figure S5. ^{13}C NMR (400 MHz) spectrum of phenyl (2-(1*H*-pyrrole-2-carbonyl)phenyl)carbamate (**6**) in CDCl_3 .

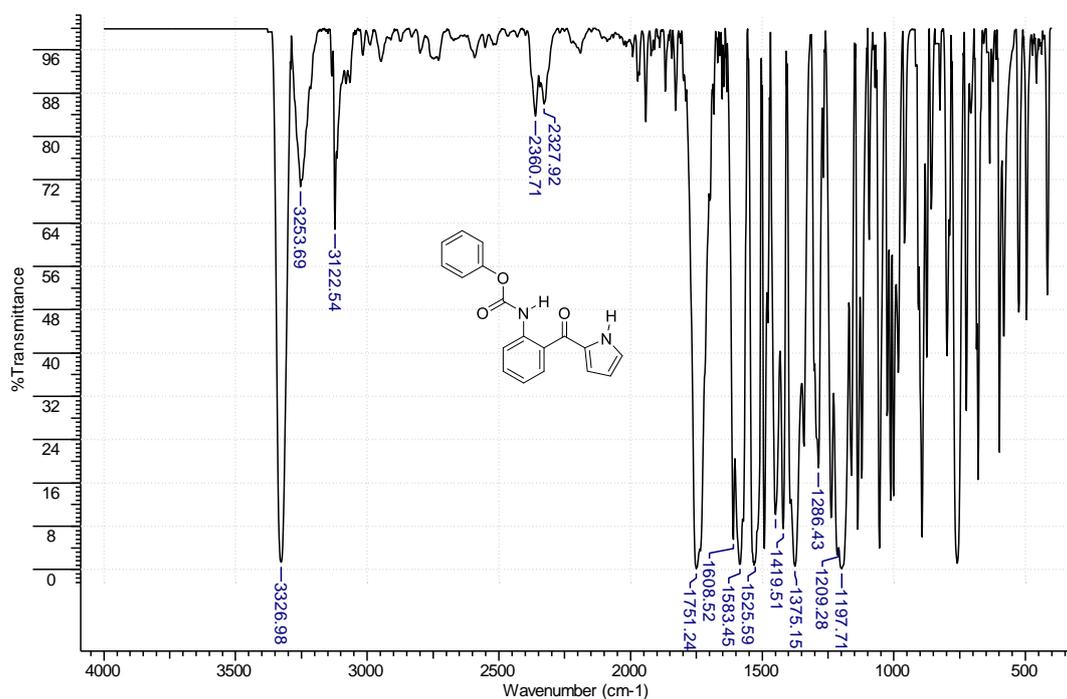


Figure S6. IR spectrum of phenyl (2-(1*H*-pyrrole-2-carbonyl)phenyl)carbamate (**6**) (KBr disc).

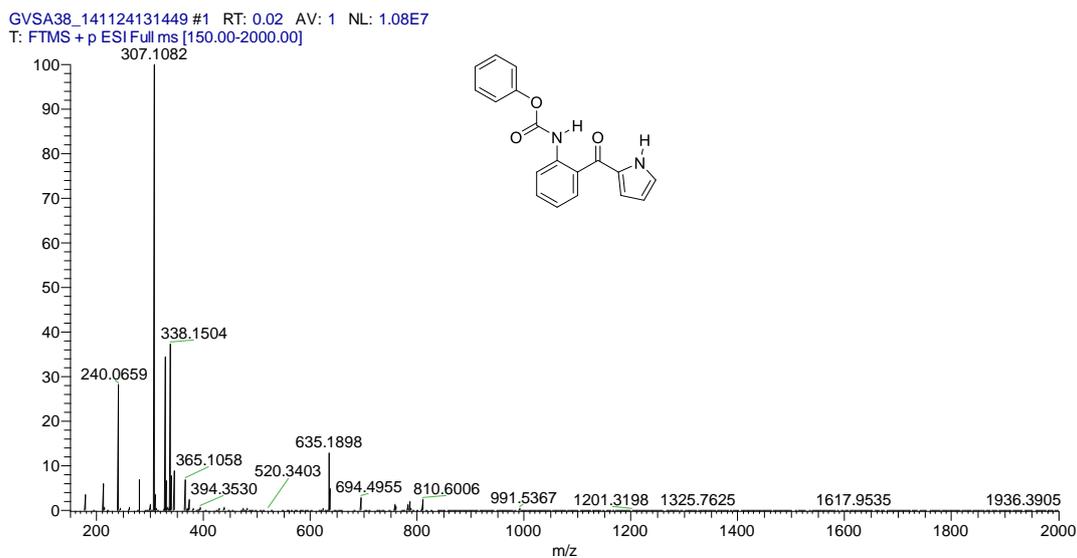


Figure S7. HRMS (ESI) spectrum of phenyl [2-(1H-pyrrole-2-carbonyl)phenyl]carbamate (**6**) in MeOH containing 0.1% HCOOH.

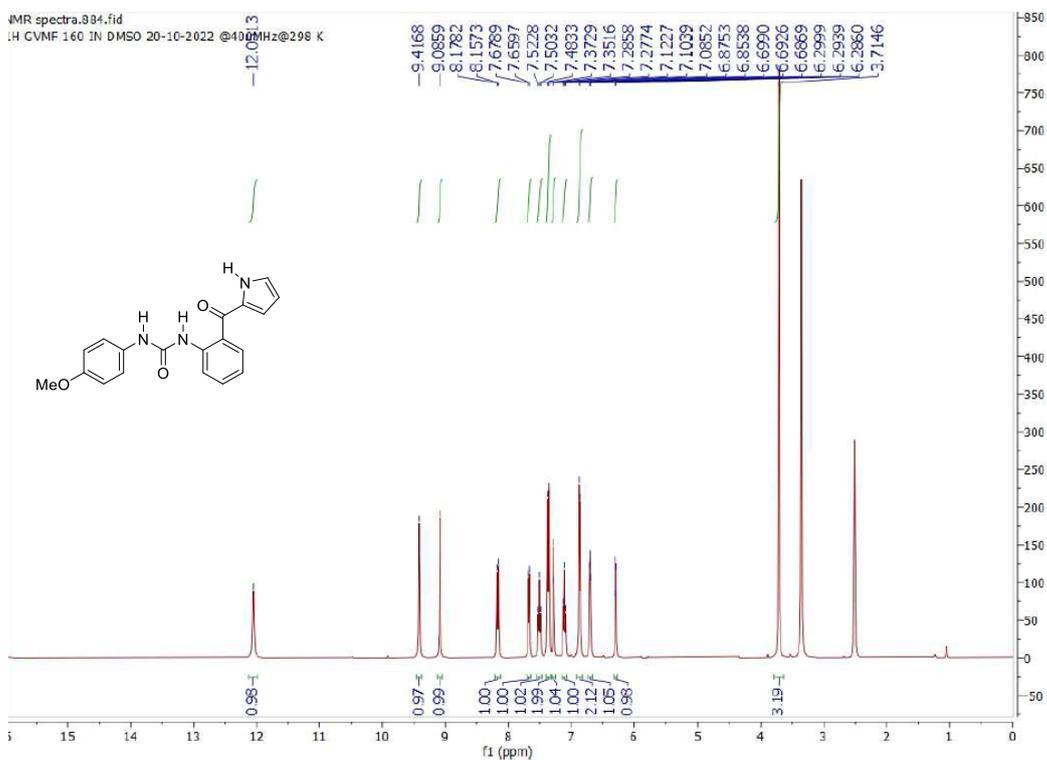


Figure S8. ^1H NMR (400 MHz) spectrum of 1-(2-(1H-pyrrole-2-carbonyl)phenyl)-3-(4-methoxyphenyl)urea (**7**) in DMSO- d_6 .

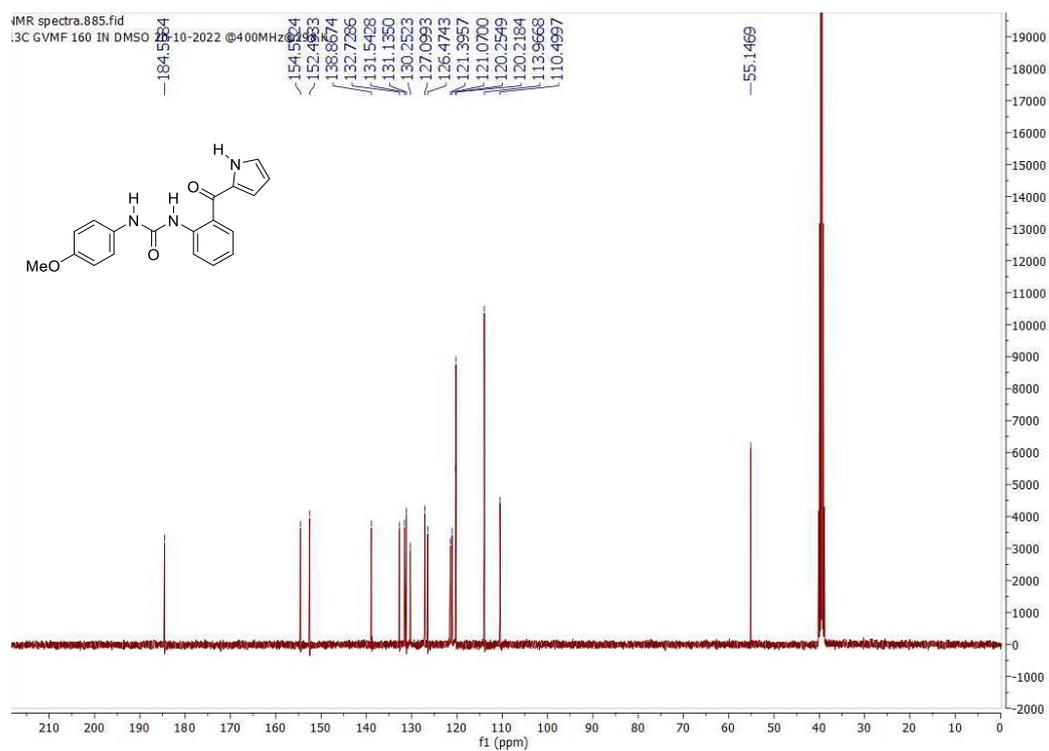


Figure S9. ¹³C NMR (400 MHz) spectrum of 1-(2-(1H-pyrrole-2-carbonyl)phenyl)-3-(4-methoxyphenyl)urea (**7**) in DMSO-*d*₆.

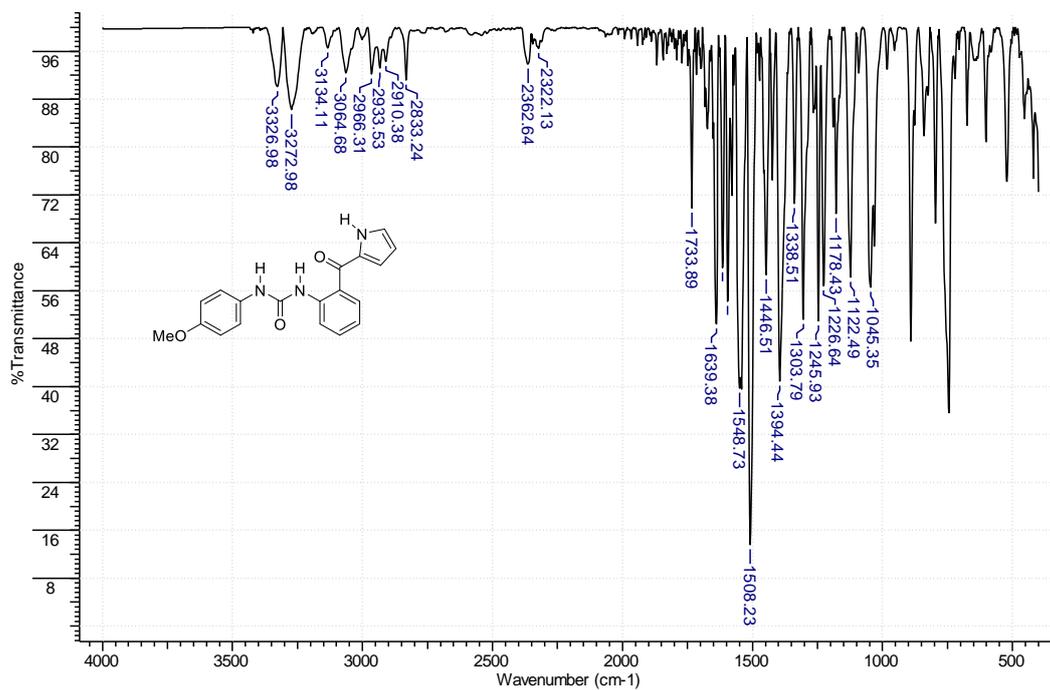


Figure S10. IR spectrum of 1-(2-(1H-pyrrole-2-carbonyl)phenyl)-3-(4-methoxyphenyl)urea (**7**) (KBr disc).

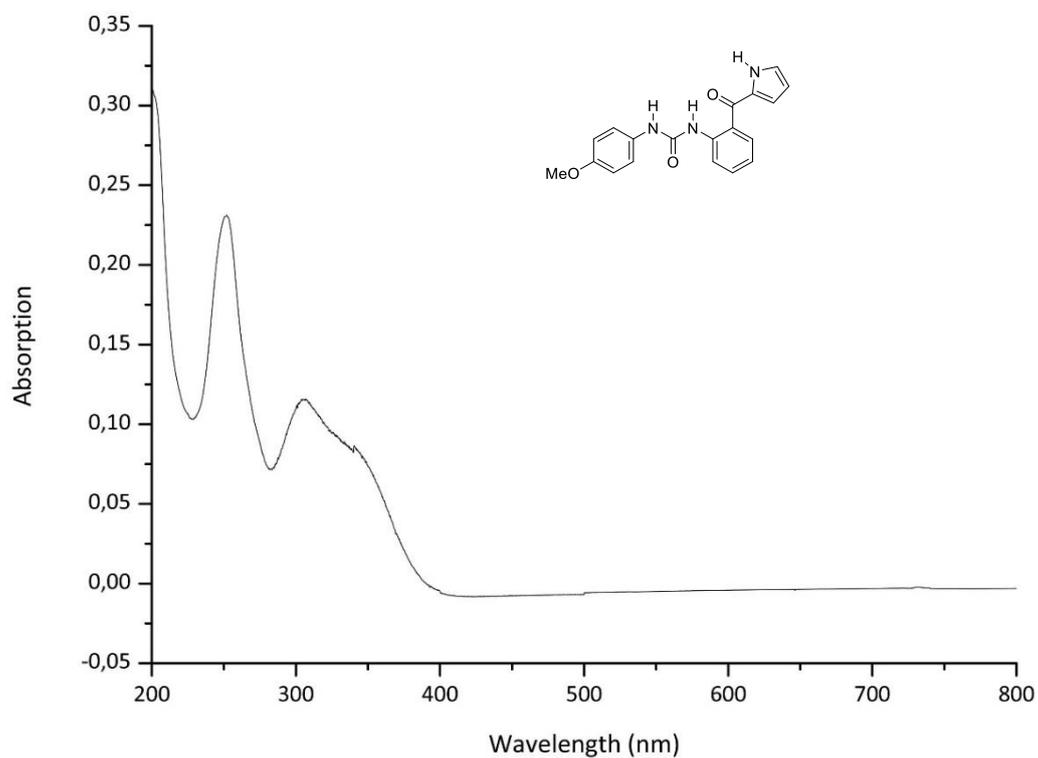


Figure S11. UV spectrum of 1-(2-(1H-pyrrole-2-carbonyl)phenyl)-3-(4-methoxyphenyl)urea (**7**) in MeCN.

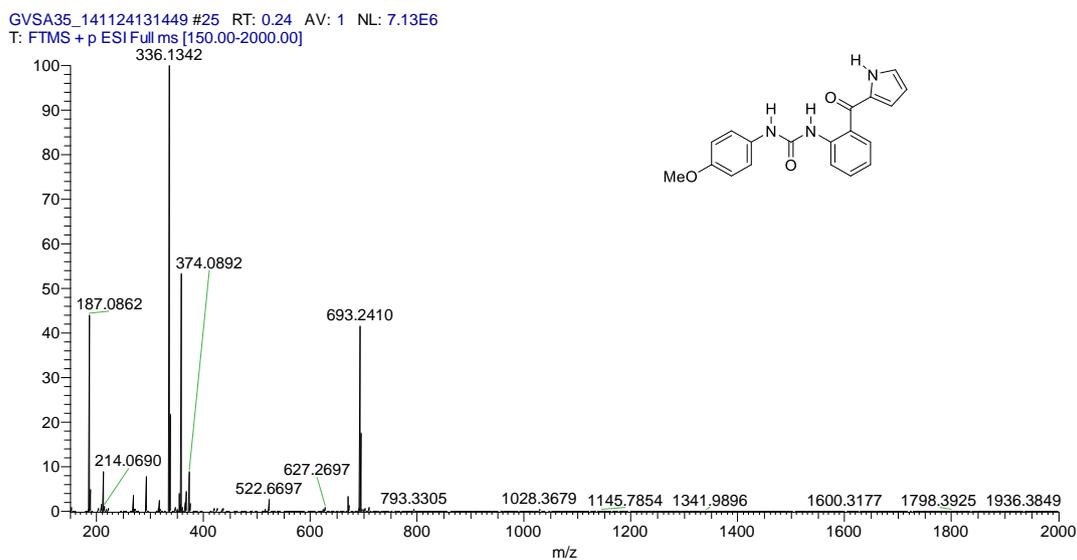


Figure S12. HRMS (ESI) spectrum of 1-(2-(1H-pyrrole-2-carbonyl)phenyl)-3-(4-methoxyphenyl)urea (**7**) in MeOH containing 0.1% HCOOH.