

Supporting information

Synthesis, Single Crystal X-ray Analysis, Prediction and Study of Pharmacological Activity of 4-(1*H*-Benzo[d]imidazol-2-yl)-1-phenyl-1*H*-1,2,3-triazol-5-amine and Its Solvates

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Figure S5. LC/MS Data for Structural Determination of of the title compound **3**

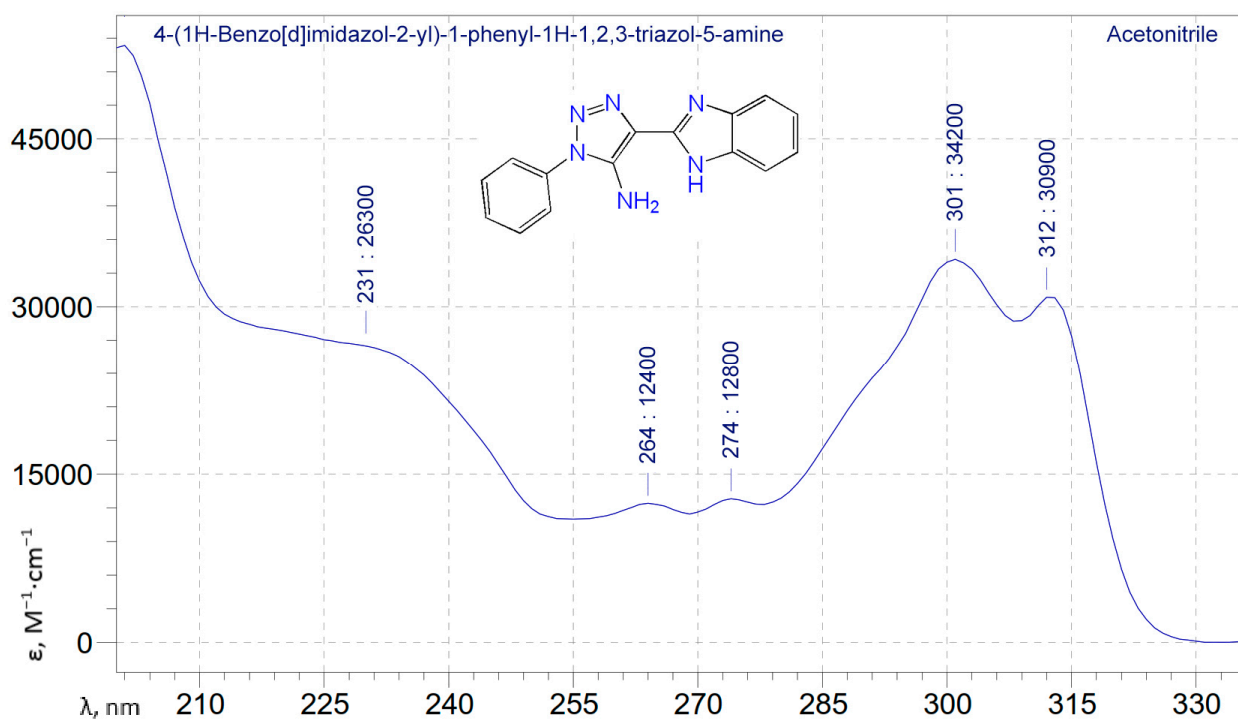


Figure S1. UV/Vis spectrum of the title compound 3 (acetonitrile).

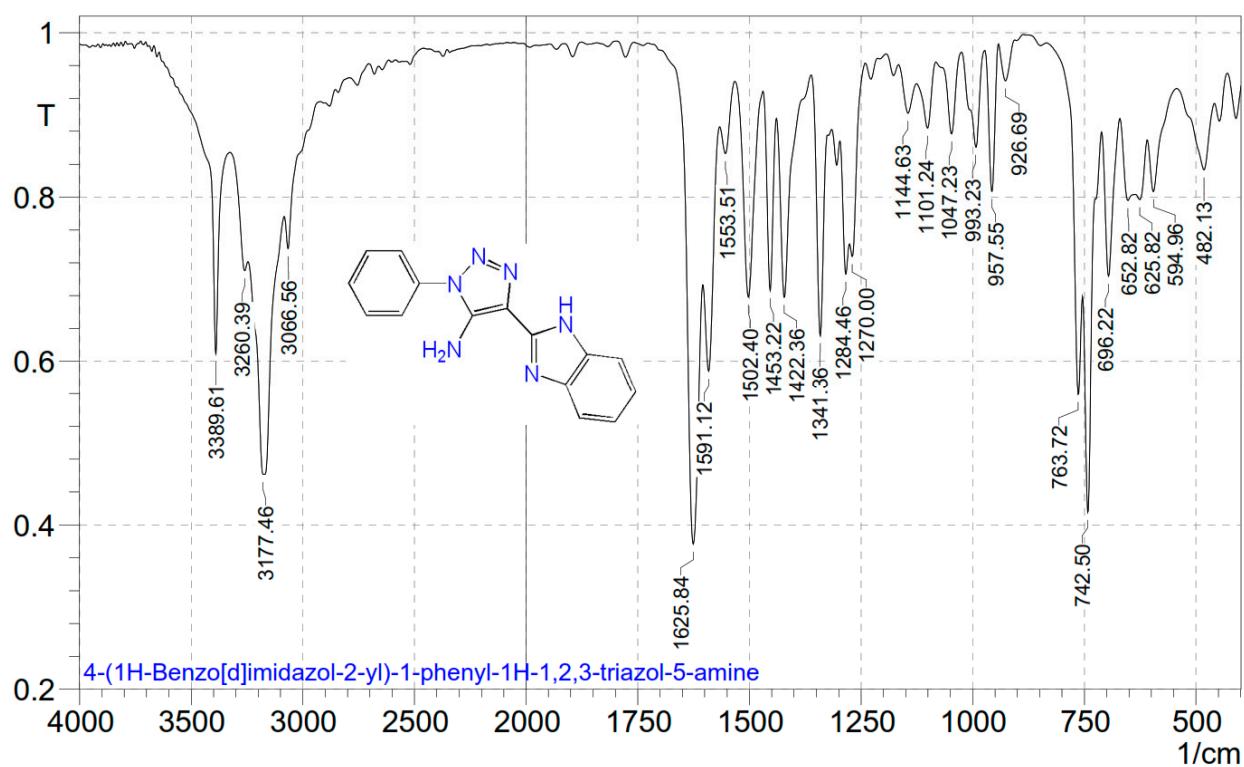


Figure S2. IR spectrum of the title compound 3 (KBr pellet).

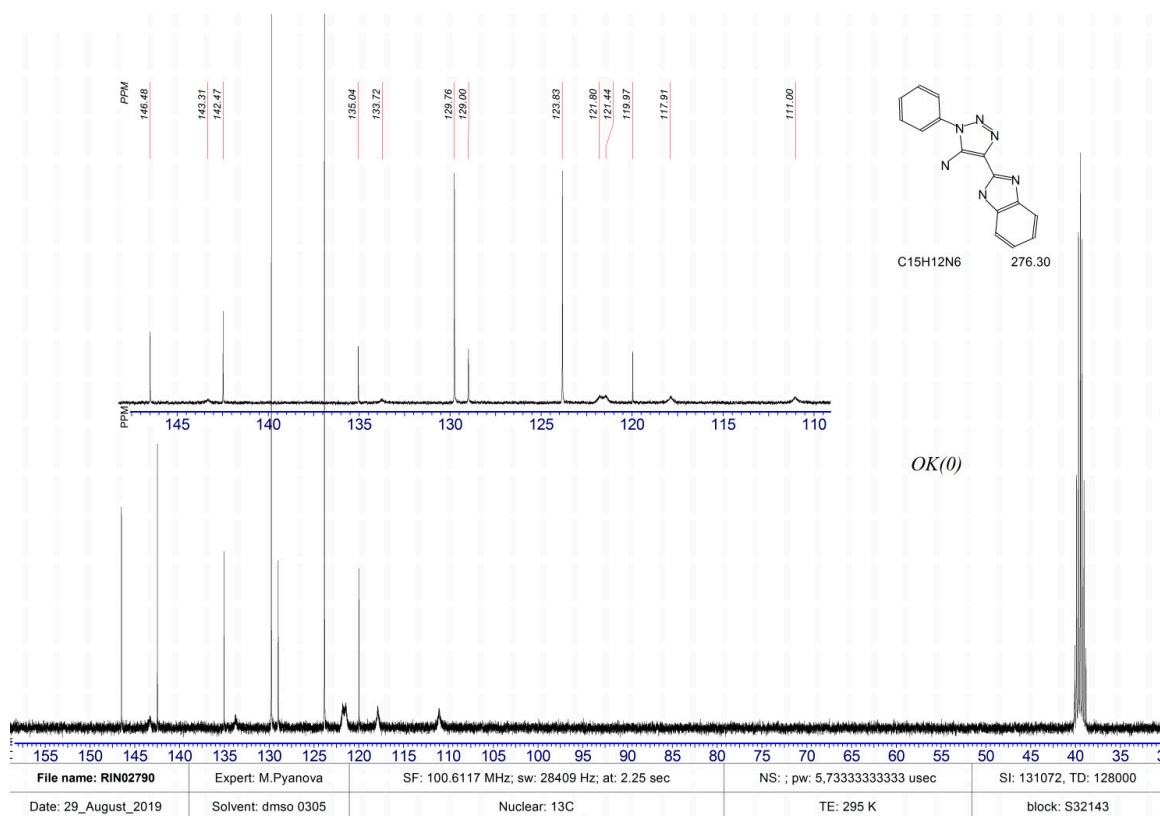


Figure S3. ^{13}C NMR spectrum (100 MHz, DMSO- d_6) of the title compound 3.

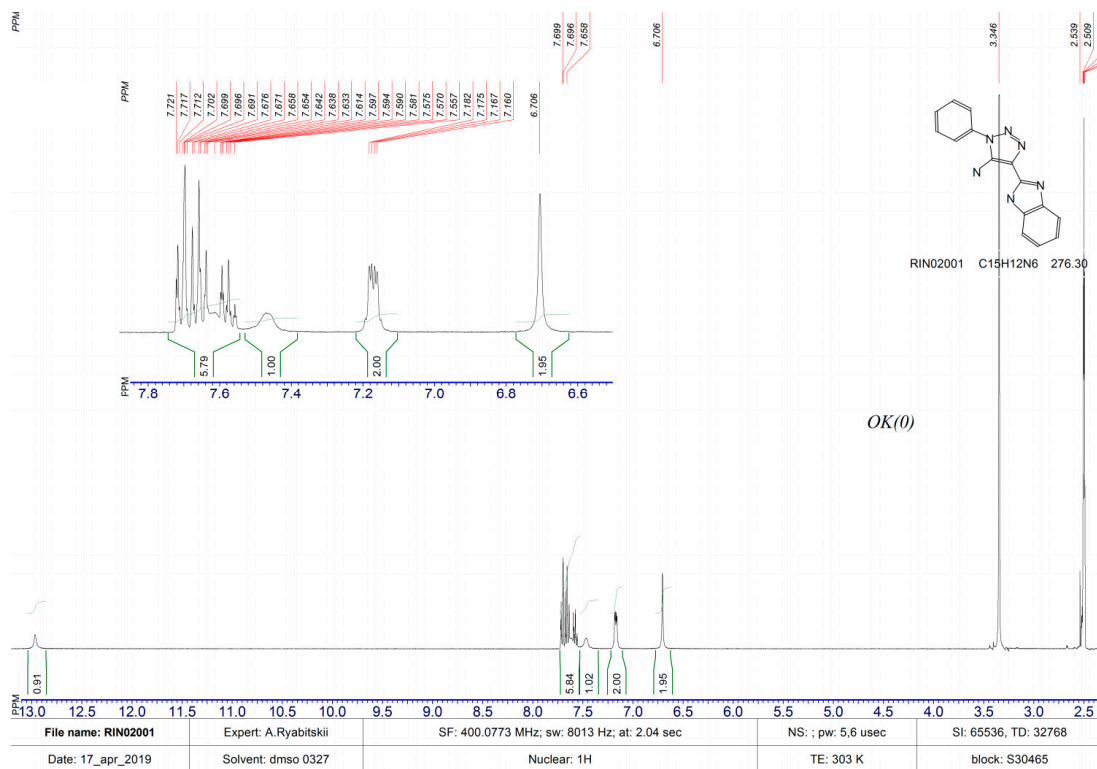
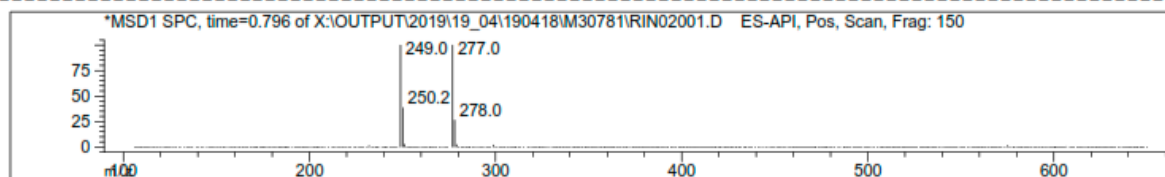
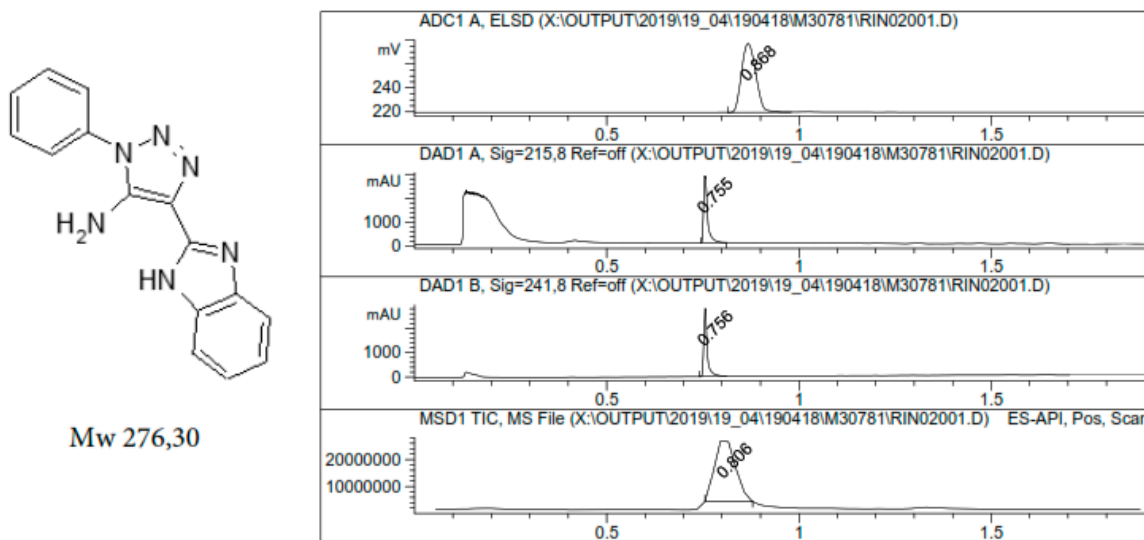


Figure S4. ^1H NMR spectrum (400 MHz, DMSO- d_6) of the title compound 3.

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Agilent 1100 LC/MSD Mobile Phase:A-H2O+0.1HCOOH;B-MeCN+0.1HCOOH
 Diodearray G1315B (DAD1A-215nm; DAD1B-241nm) Separation column: **100%**
 Mass Quad G1956B (MSD1-Pos, MSD2-Neg) Rapid Resolutionn HT Cartige 4.6x30mm,
 ELSD Altech 3300 (ADC1 A, ELSD) 1.8-Micron, Zorbax SB-C18



#	Signal	R.Time	Area %
1	ADC1 A, ELSD	0.868	100.000
1	DAD1 A, Sig=215,8 Ref=off	0.755	100.000
1	DAD1 B, Sig=241,8 Ref=off	0.756	100.000
1	MSD1 TIC, MS File	0.806	100.000

Figure S5. LC/MS LC/MS data for the title compound 3.

