

Supplementary Material:

2,4-Diamino-5-(5-hydroxy-1-phenyl-3-(trifluoromethyl)-1*H*-pyrazol-4-yl)-5*H*-chromeno[2,3-*b*]pyridine-3-carbonitrile

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¹H and ¹³C NMR, IR and MS spectra for compound 4

Figure S1. ^1H NMR spectrum of 2,4-diamino-5-(5-hydroxy-1-phenyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)-5H-chromeno[2,3-b]pyridine-3-carbonitrile **4** in $\text{DMSO}-d_6$.

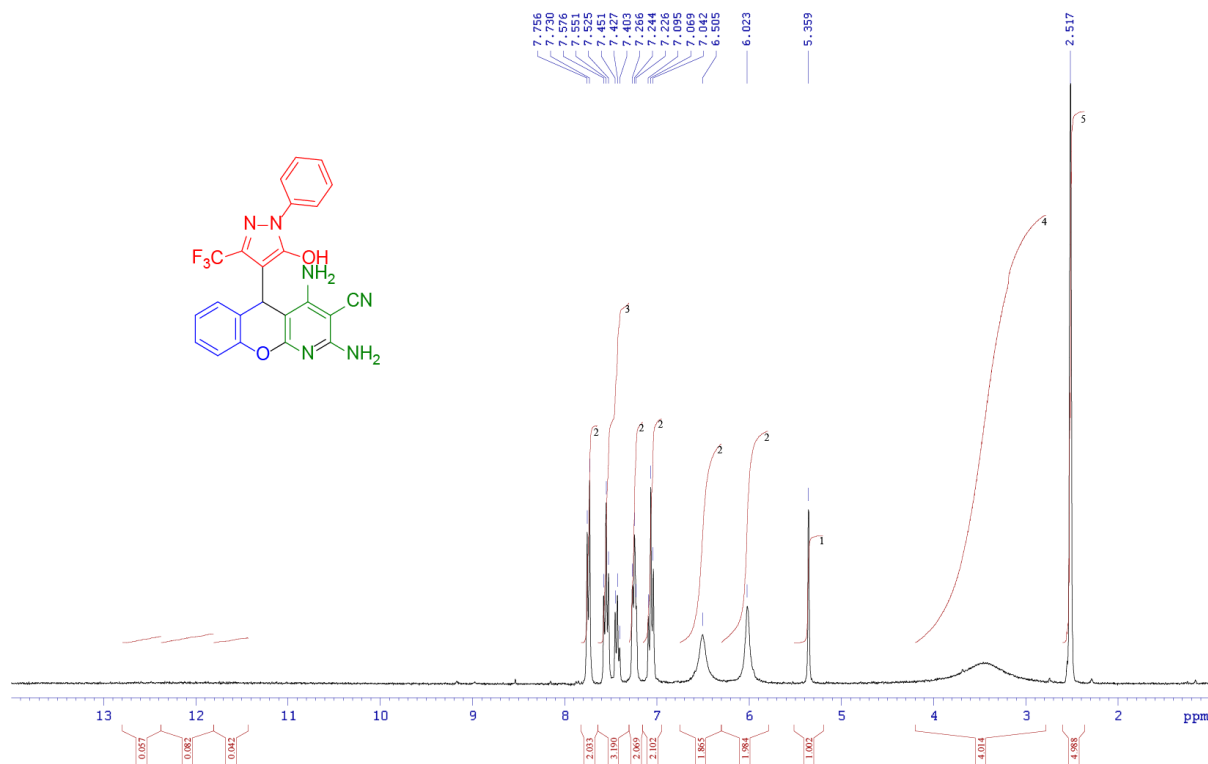


Figure S2. ^{13}C NMR spectrum of 2,4-diamino-5-(5-hydroxy-1-phenyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)-5H-chromeno[2,3-b]pyridine-3-carbonitrile **4** in $\text{DMSO}-d_6$.

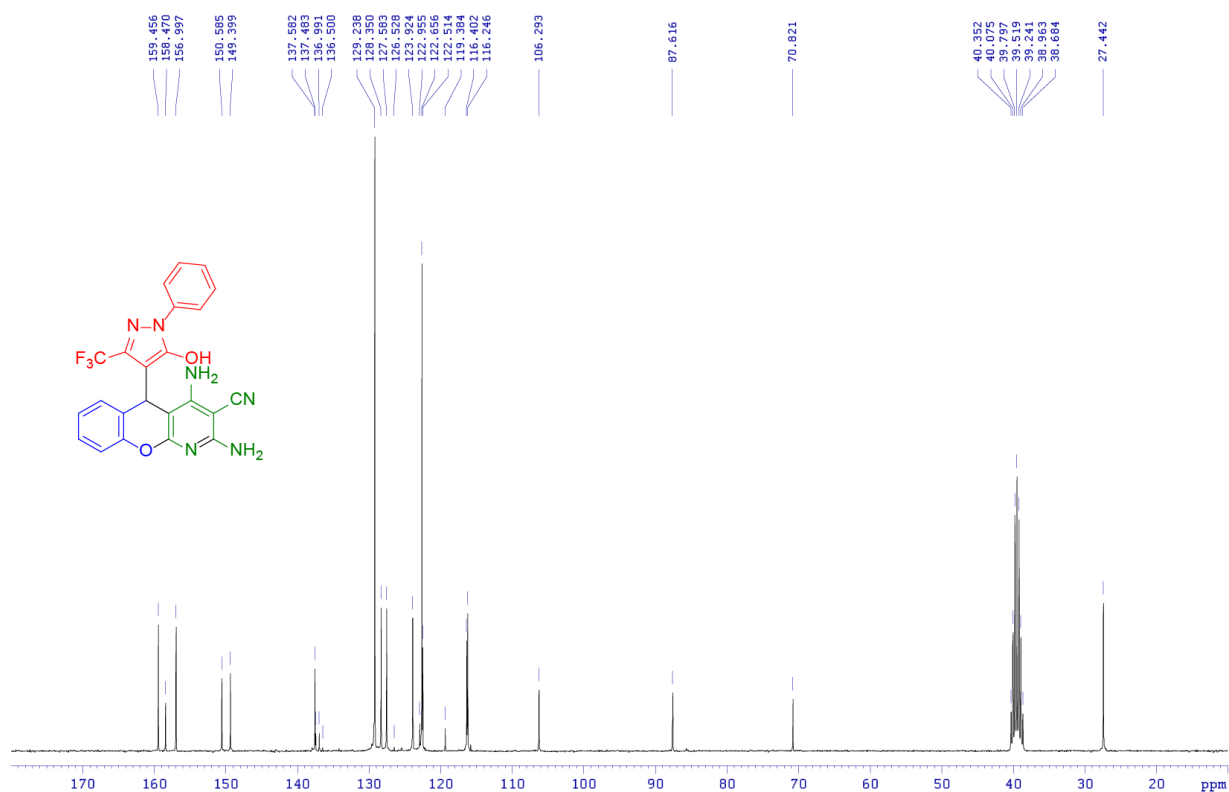
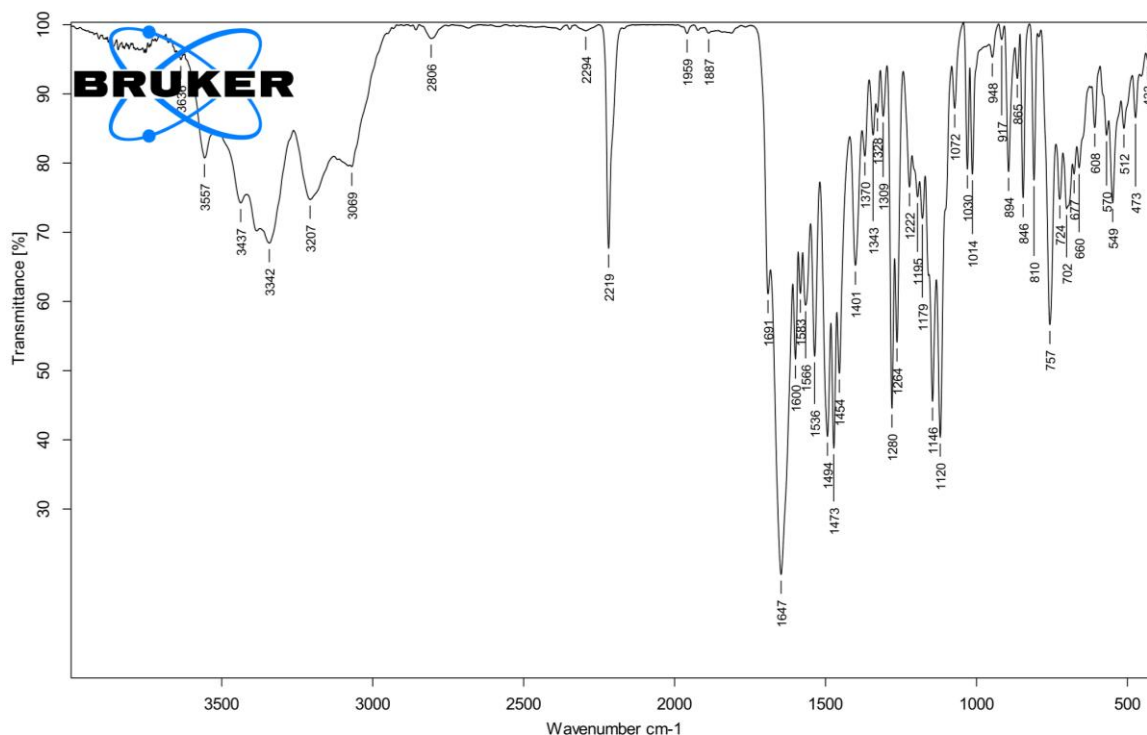


Figure S3. IR spectrum of 2,4-diamino-5-(5-hydroxy-1-phenyl-3-(trifluoromethyl)-1*H*-pyrazol-4-yl)-5*H*-chromeno[2,3-*b*]pyridine-3-carbonitrile **4** (KBr).



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Figure S4. MS (EI) spectrum of 2,4-diamino-5-(5-hydroxy-1-phenyl-3-(trifluoromethyl)-1*H*-pyrazol-4-yl)-5*H*-chromeno[2,3-*b*]pyridine-3-carbonitrile **4**.

