Supplementary Information

Figure S1. IR spectrum of 3,5-bis(4-fluorophenyl)-4,5-dihydro-1*H*-pyrazole-1-carboxamide (**1**).

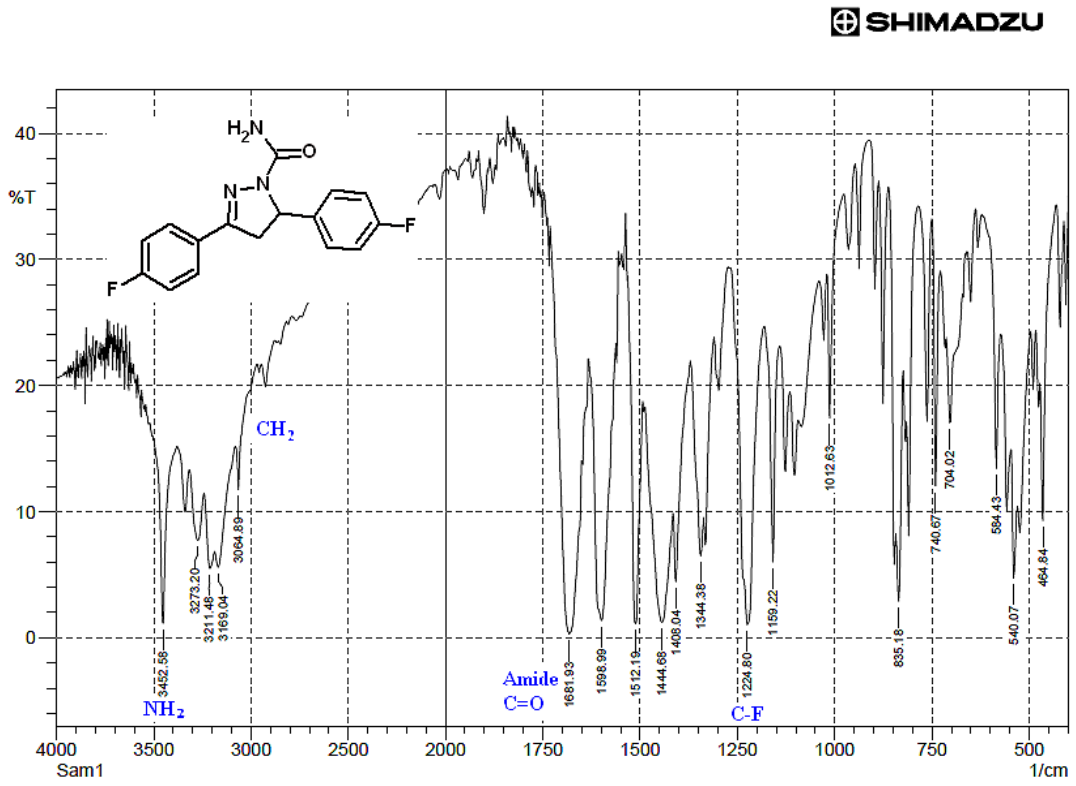

Figure S2. IR spectrum of 3,5-bis(4-fluorophenyl)-4,5-dihydro-1*H*-pyrazole-1-carbothioamide (**2**).

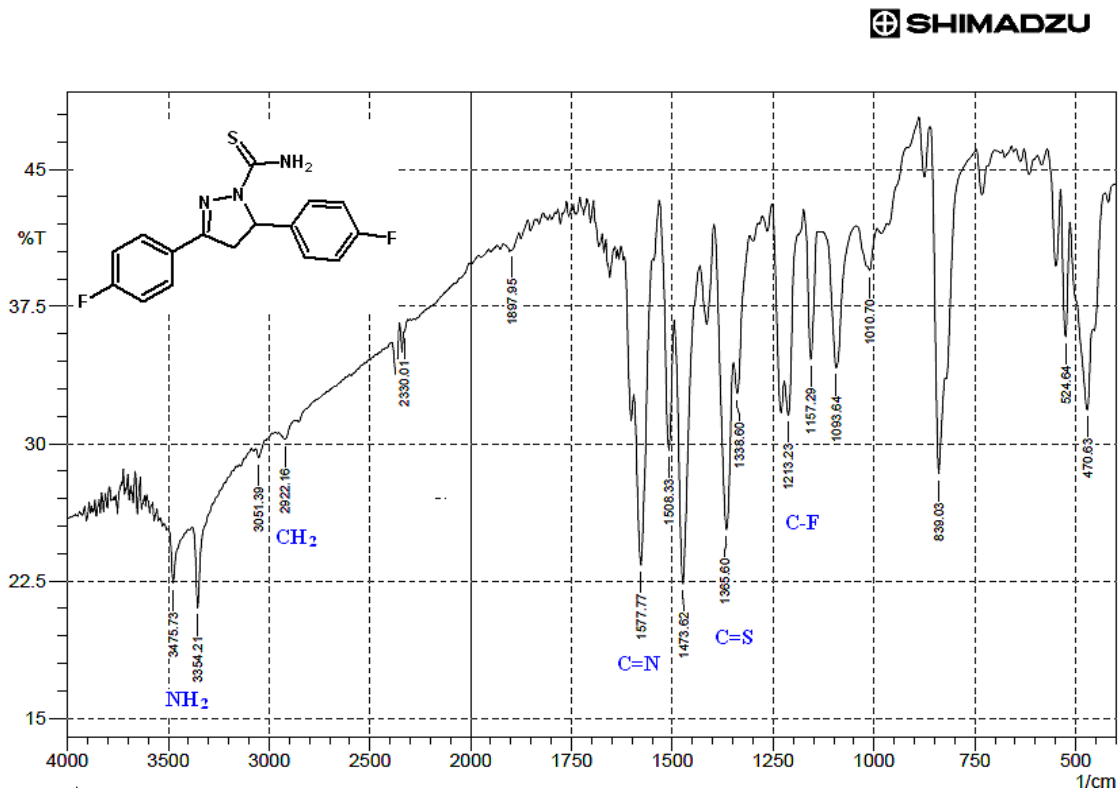

Figure S3. 1H NMR spectrum of 3,5-bis(4-fluorophenyl)-4,5-dihydro-1*H*-pyrazole-1-carboxamide (**1**).

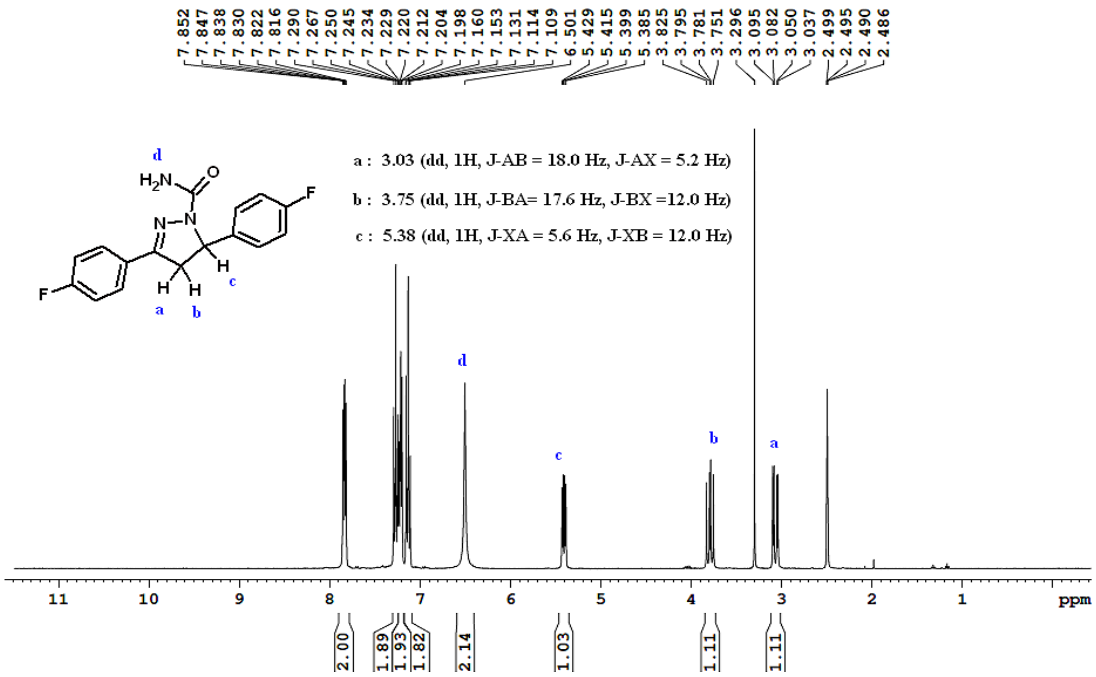

Figure S4. 1H NMR spectrum of 3,5-bis(4-fluorophenyl)-4,5-dihydro-1*H*-pyrazole-1-carbothioamide (**2**).

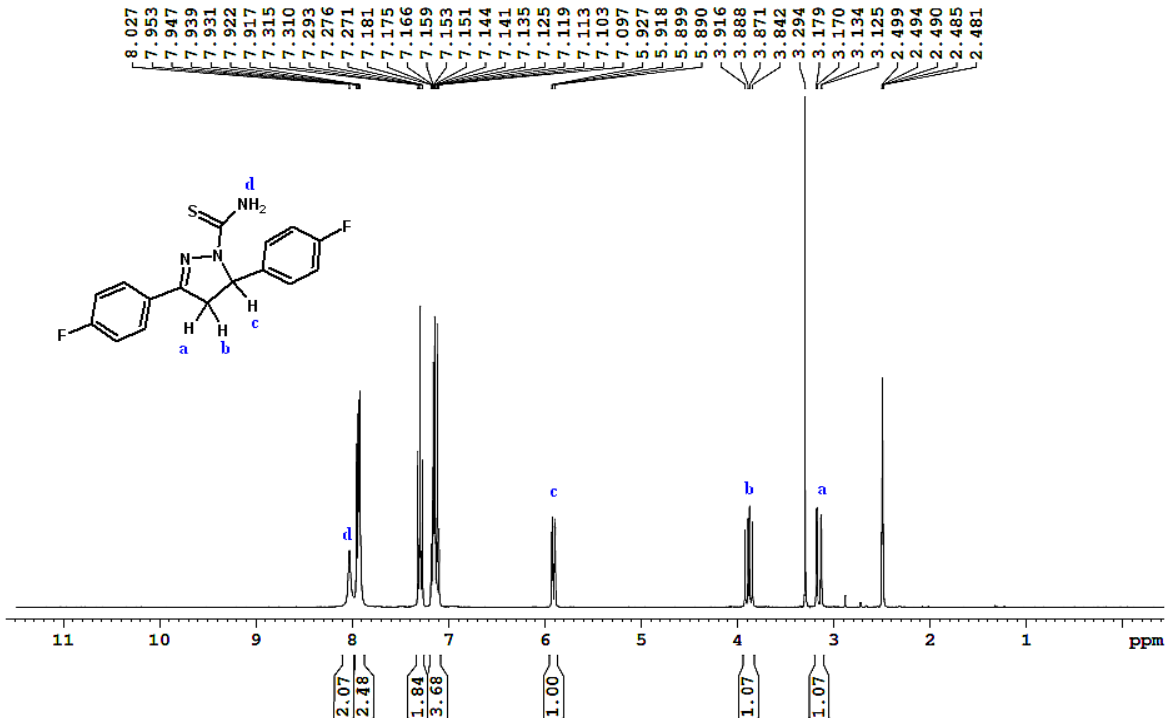

Figure S5. LCMS of 3,5-bis(4-fluorophenyl)-4,5-dihydro-1*H*-pyrazole-1-carboxamide (**1**).

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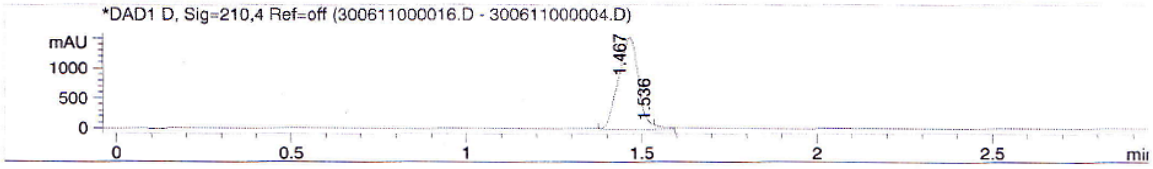
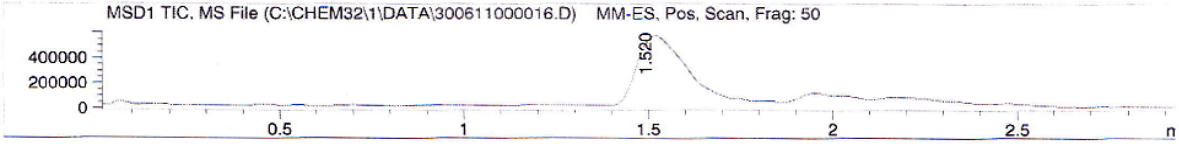
==========================================================================================
Data file       :  C:\CHEM32\1\DATA\300611000016.D     Vial No.        :   P1-A-03
Injection Date  :  30/06/2011                         Injection vol   :   4µL
Sample Name     :  IN1703-SS-04                       Acq Method      :   7030.M
==========================================================================================
Method info  :     Mobile Phase:A=0.1% Formic Acid, B= ACN
                   Flow: 2.0ml/min,Temp:30.0°C
```



Peak No	RT min	Area	Area %
1	1.467	6.135e+003	97.748
2	1.536	1.413e+002	2.252



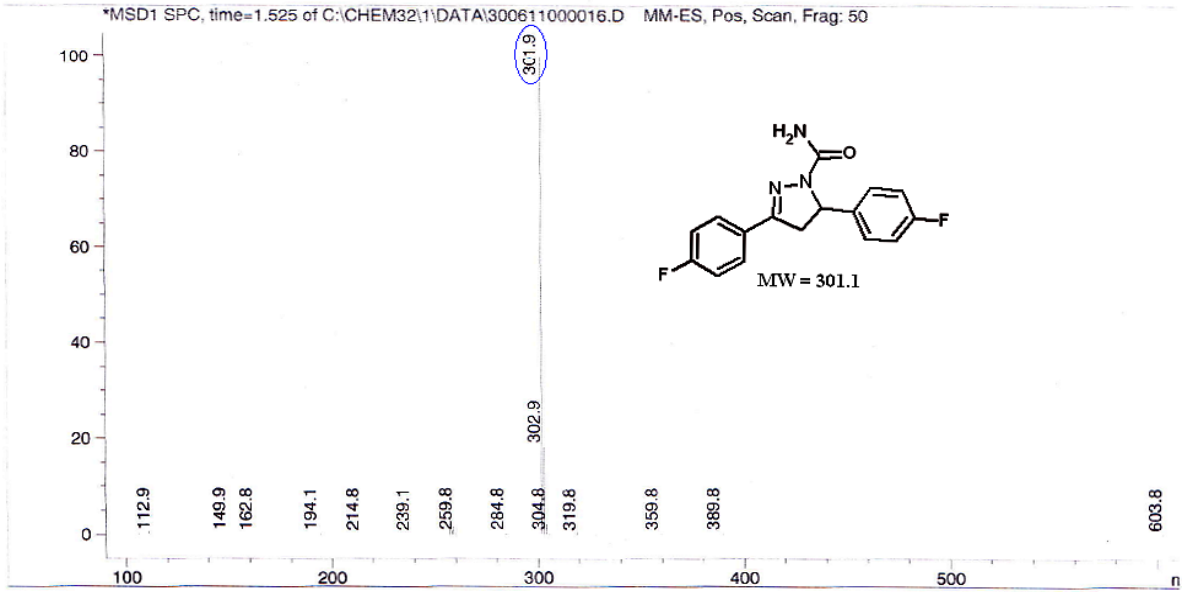


Figure S6. LCMS of 3,5-bis(4-fluorophenyl)-4,5-dihydro-1*H*-pyrazole-1-carbothioamide (**2**).