Supplementary Materials: Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7- dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate

Hery Suwito, Noorma Kurnyawaty, Kautsar Ul Haq, Abdulloh Abdulloh, and Indriani Indriani

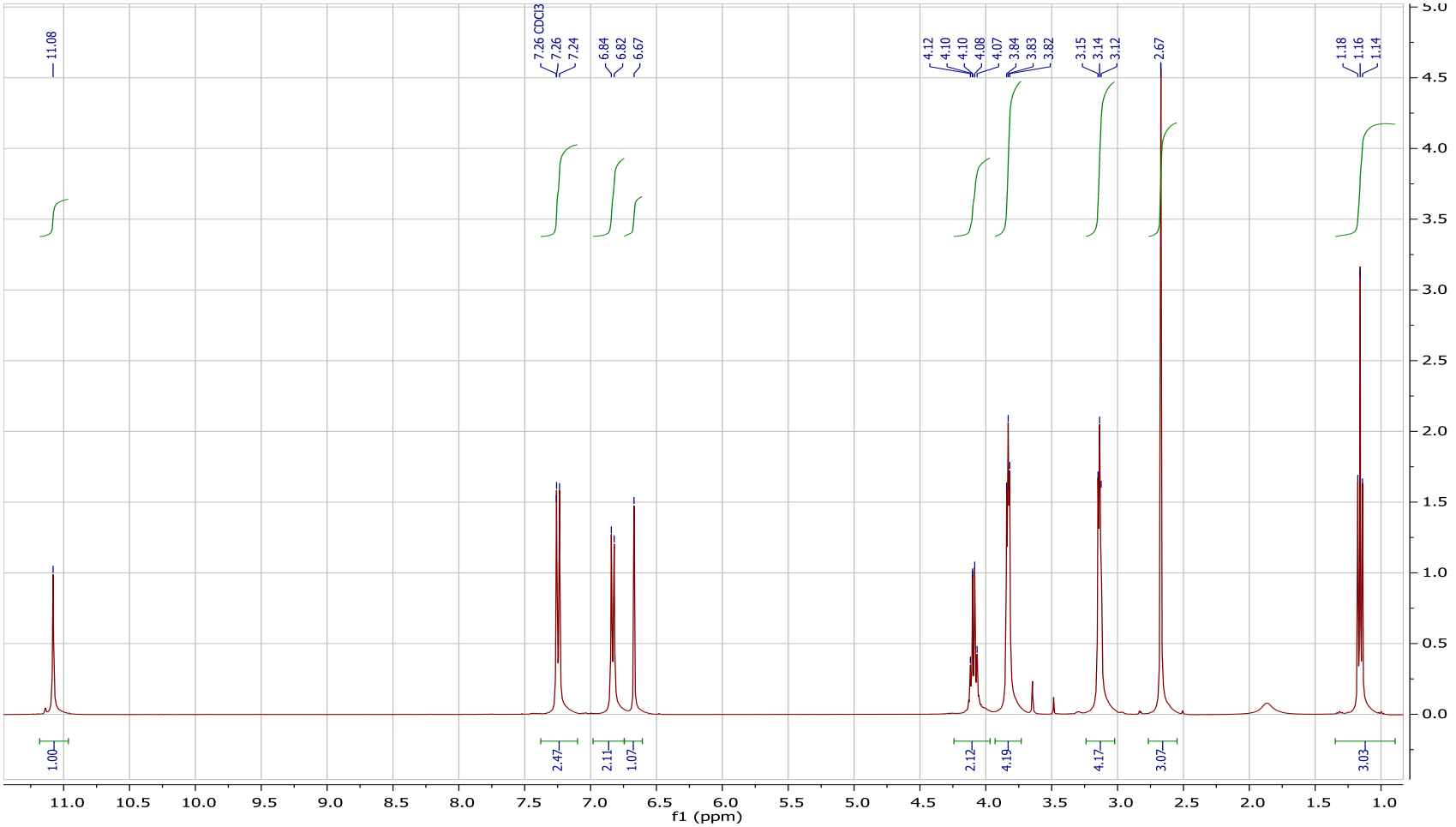


Figure S1. ^{1}H-NMR spectra of Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7-dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate.

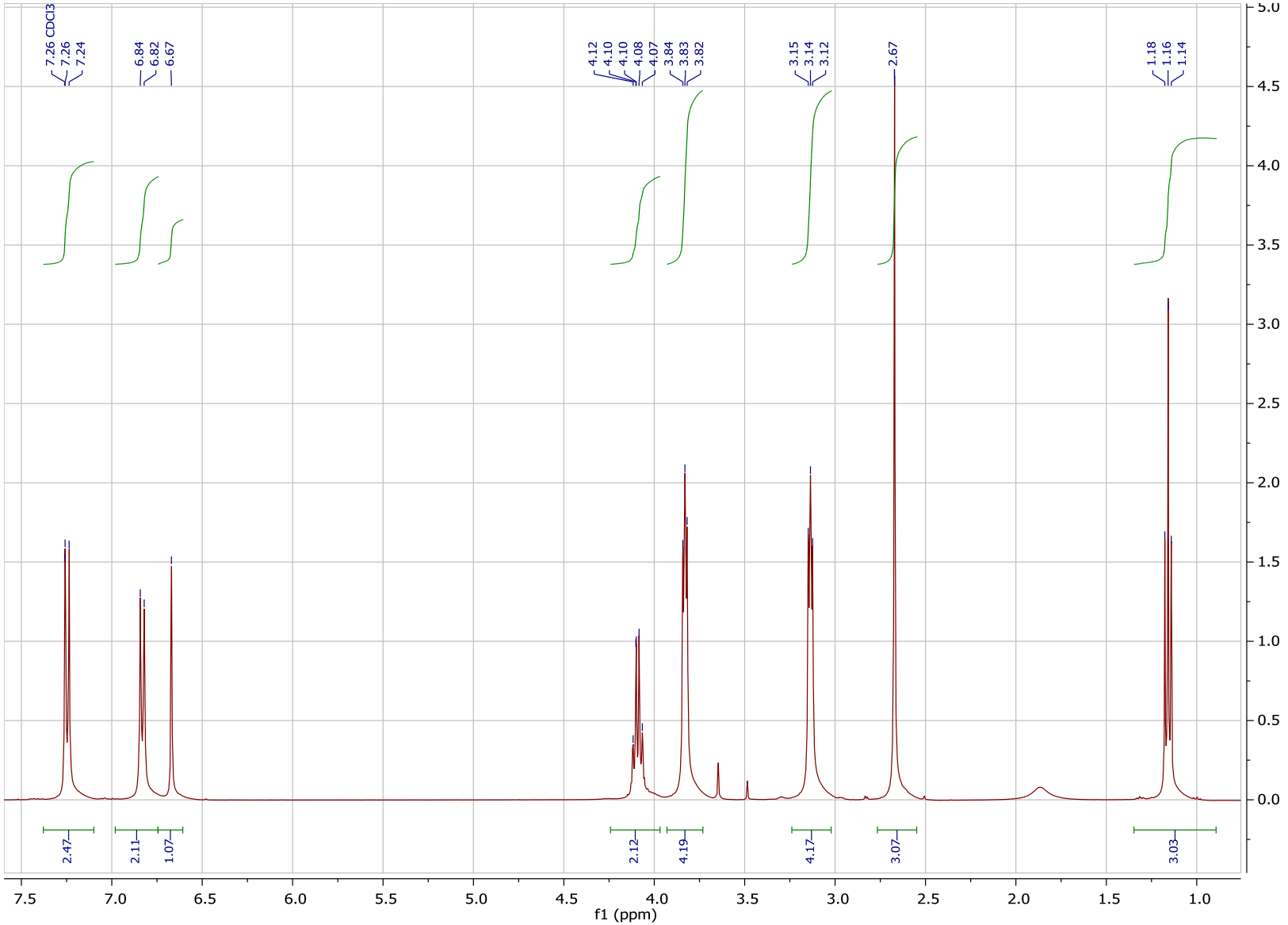


Figure S2. ^{1}H-NMR spectra of Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7-dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate.

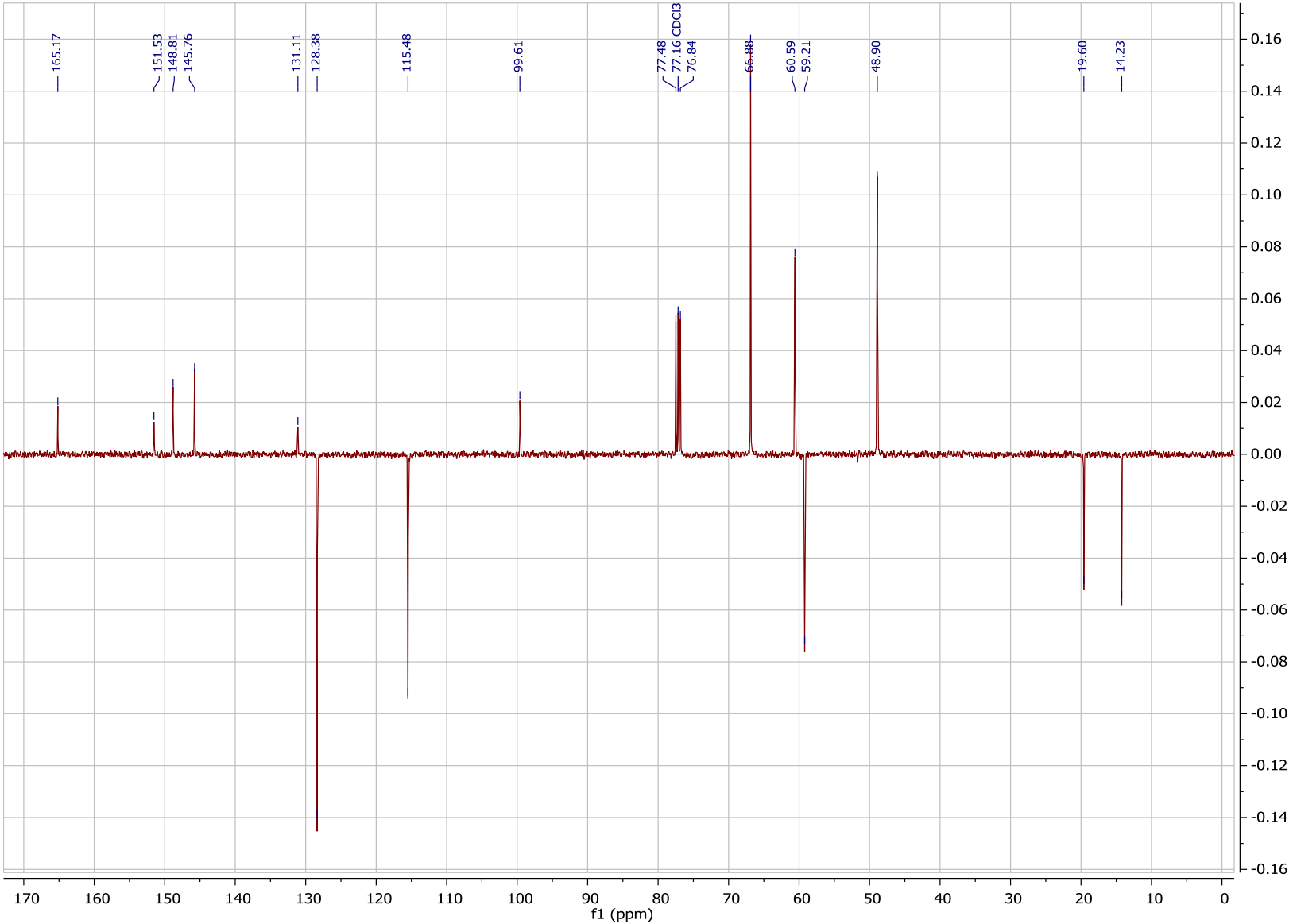


Figure S3. ^{13}C-NMR spectra of Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7-dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate.

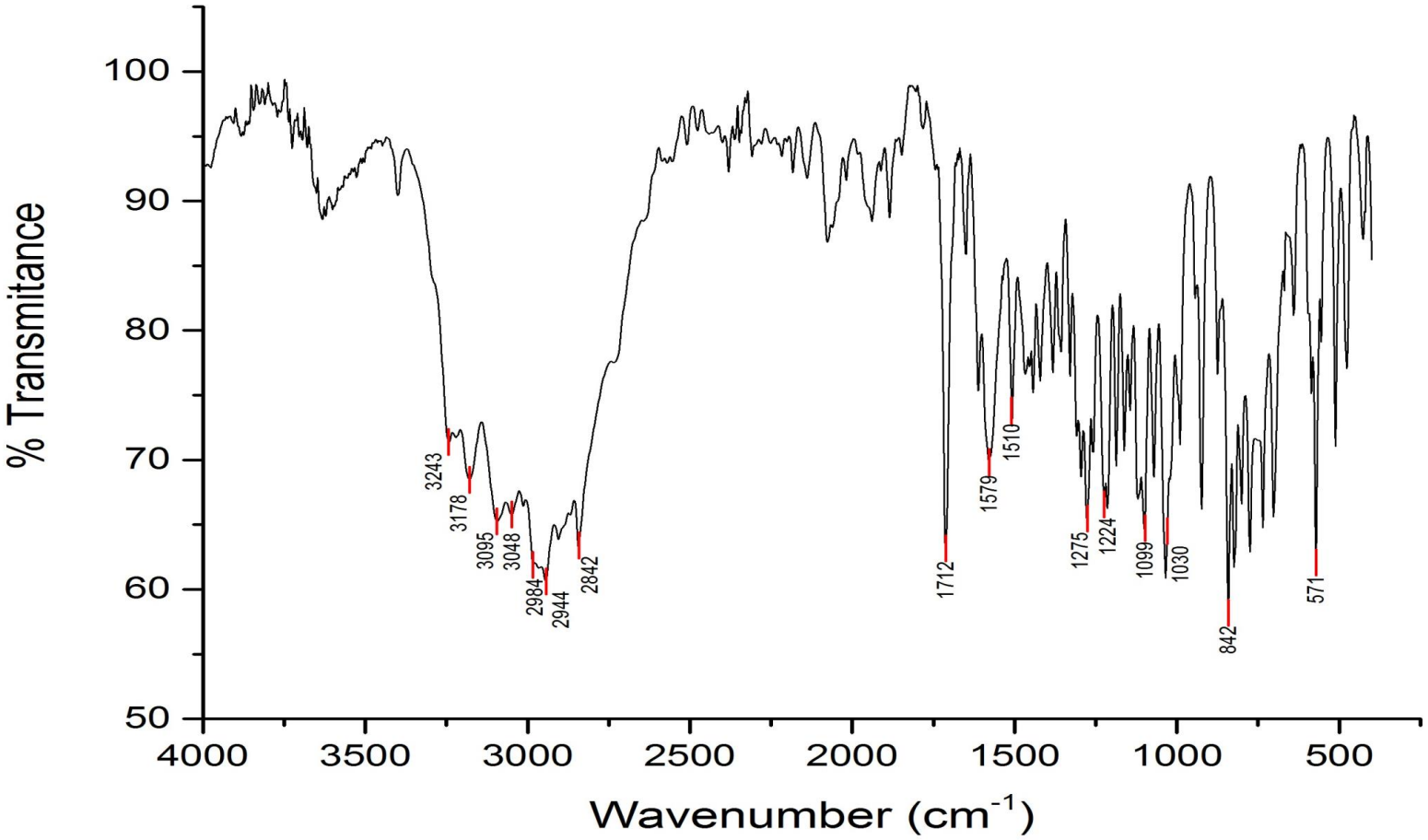


Figure S4. FTIR spectra of Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7-dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate.

Elemental Composition Report **Page 1**

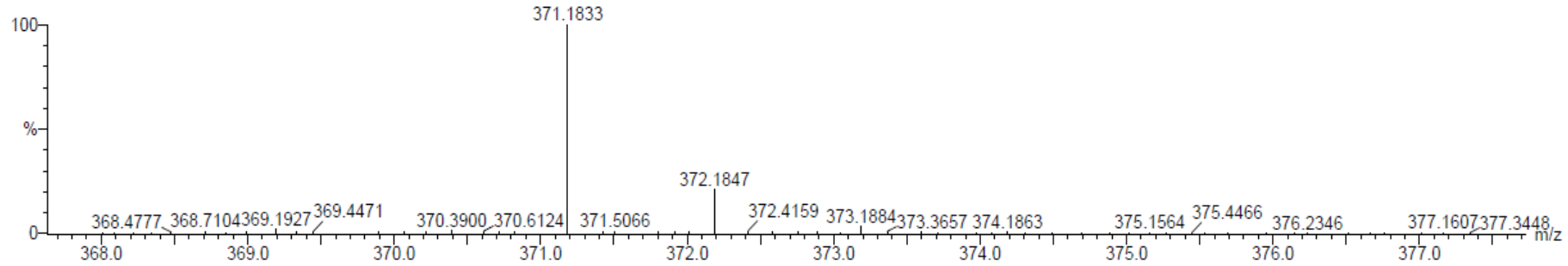
Single Mass Analysis

Tolerance = 50.0 PPM / DBE: min = -1.5, max = 50.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 5

Monoisotopic Mass, Even Electron Ions
1042 formula(e) evaluated with 43 results within limits (up to 1 closest results for each mass)
Elements Used:
C: 0-1000 H: 0-1000 N: 0-500 O: 0-500

standard
Unair_Salma_MTDPT2-pos 18 (0.563)

TOF MS ES+
3.30e+003



Minimum:				-1.5			
Maximum:		30.0	50.0	50.0			
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	i-FIT (Norm)	Formula
371.1833	371.1832	0.1	0.3	10.5	123.6	0.0	C18 H23 N6 O3

Figure S5. HRESI-MS spectra of Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7-dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate.

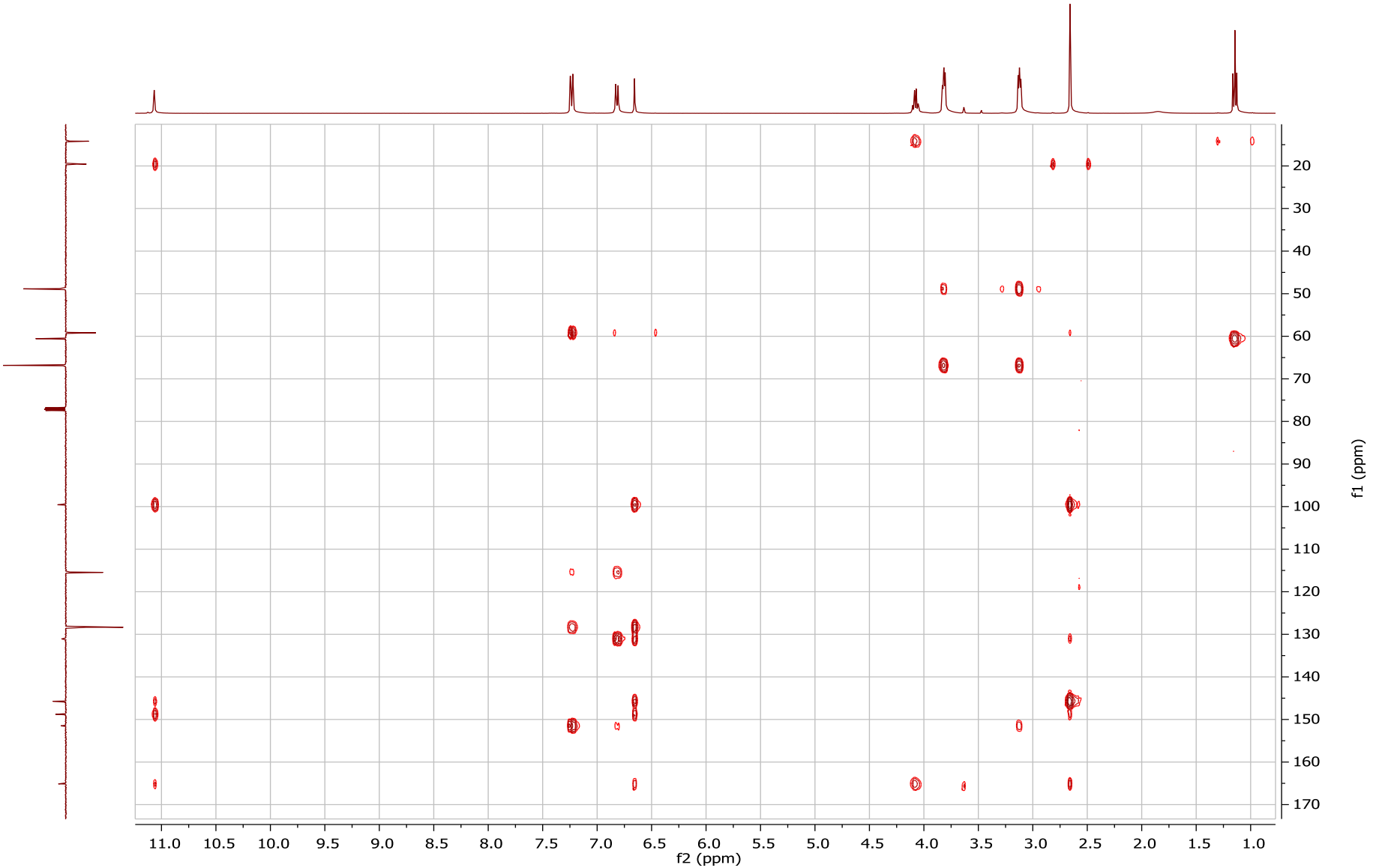


Figure S6. HMBC spectra of Ethyl 5-methyl-7-(4-morpholinophenyl)-4,7-dihydrotetrazolo[1,5-a]pyrimidine-6-carboxylate.