

Ethyl 7-methyl-1-(4-nitrophenyl)-5-phenyl-3-(thiophen-2-yl)-1,5-dihydro-[1,2,4]triazolo[4,3-a]pyrimidine-6-carboxylate

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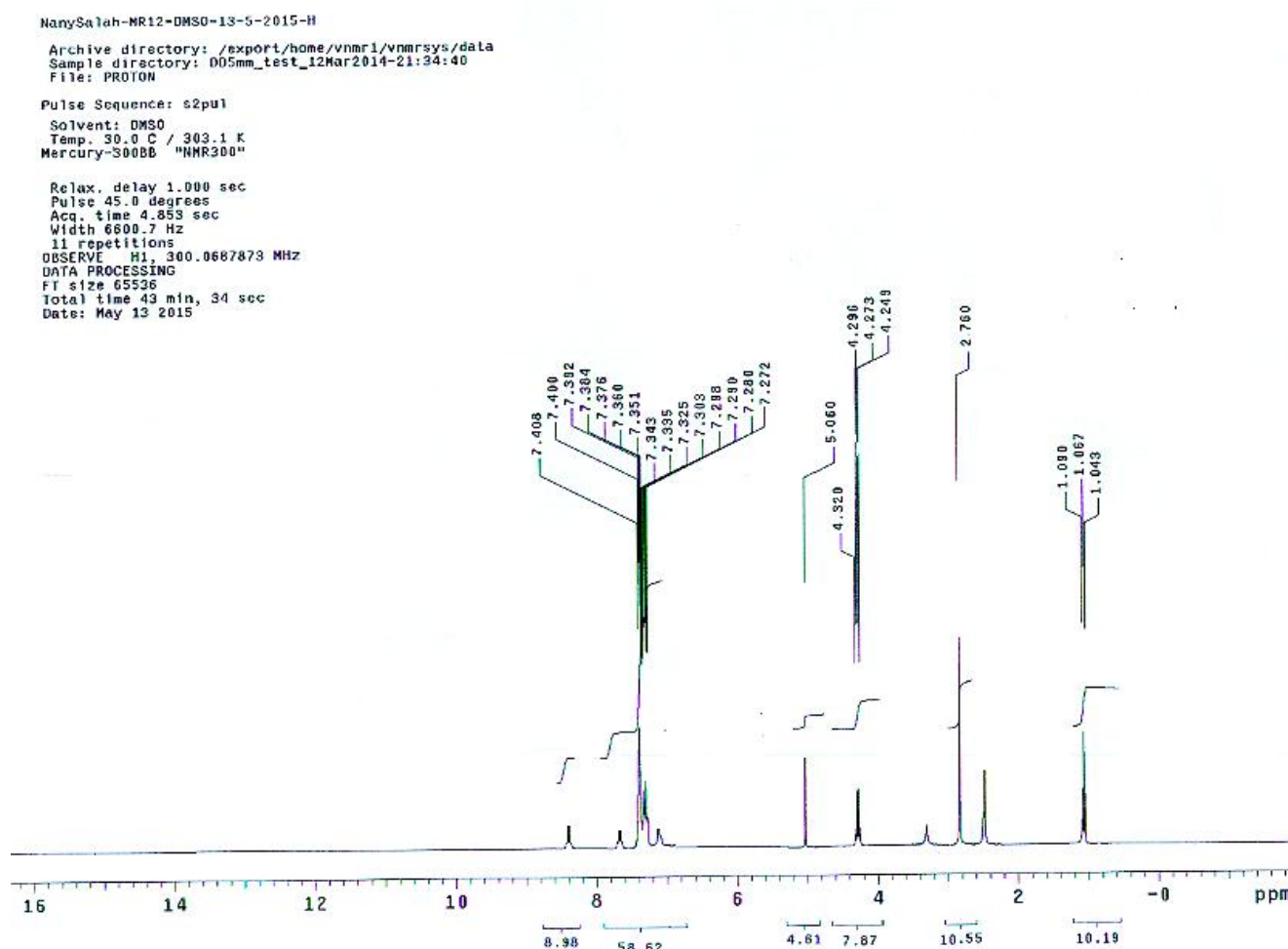
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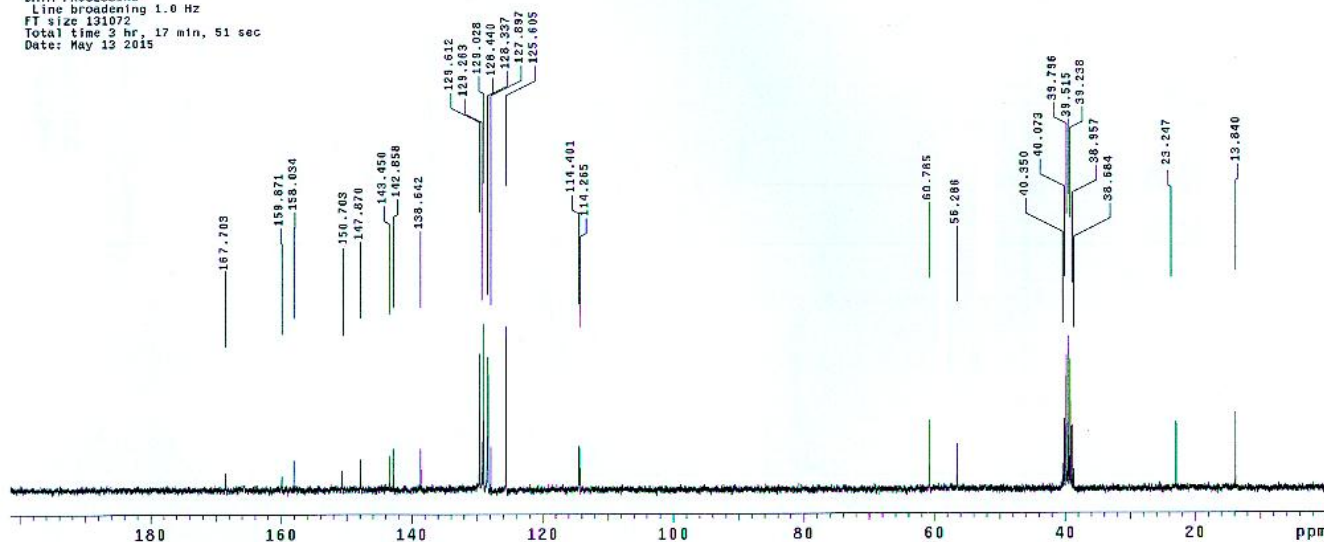


¹H-NMR spectra

Archive directory: /export/home/vnmr1/vnmrsys/data
 Sample directory: D05mm_test_12Mar2014-21:34:40
 File: PROTON

Pulse Sequence: s2pul
 Solvent: DMSO
 Temp: 30.0 C / 303.1 K
 Mercury-300BB "NMR300"

Pulse 45.0 degrees
 Acq. time 1.815 sec
 Width 18761.7 Hz
 1512 repetitions
 OBSERVE C13, 75.4523854 MHz
 DECOUPLE H1, 300.0702850 MHz
 Power 33 dB
 continuously On
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 1.0 Hz
 FT size 131072
 Total time 3 hr, 17 min, 51 sec
 Date: May 13 2015



¹³C-NMR spectra

Cairo University Micro Analytical Center

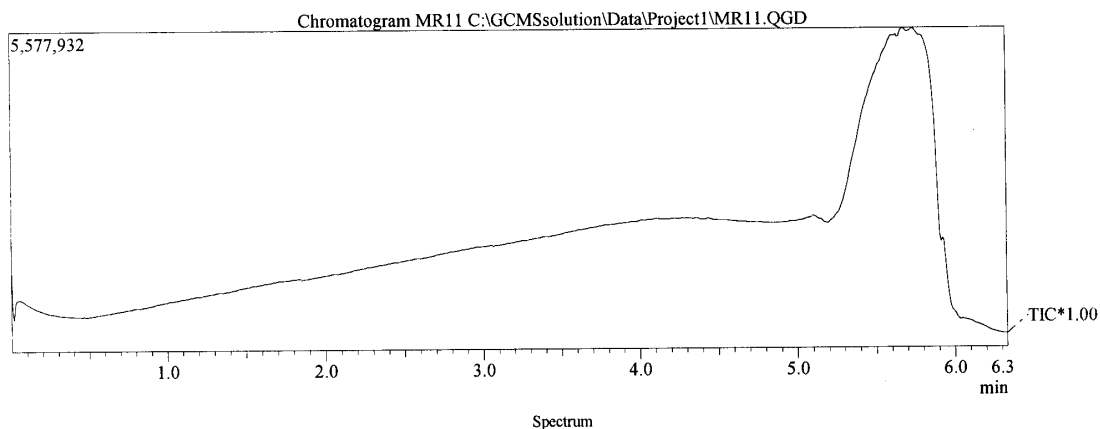
DI Analysis Shimadzu Qp-2010 Plus

Sample Information
 Analyzed by : N.Bagato
 Analyzed :
 Sample Name : MR11
 Sample ID :
 Customer Name : علوم القاهرة - د. صبحي جمعة
 Data File : C:\GCMSsolution\Data\Project1\MR11.QGD
 Org Data File : C:\GCMSsolution\Data\Project1\MR11.QGD
 Method File : C:\GCMSsolution\Data\Project1\A.GABR.qgm
 Org Method File : C:\GCMSsolution\Data\Project1\A.GABR.qgm
 Report File :
 Tuning File : C:\GCMSsolution\System\Tune1_default1.qgt
 \$EndIf\$Modified by : N.Bagato
 Modified : 26/04/2015 03:52:46 م

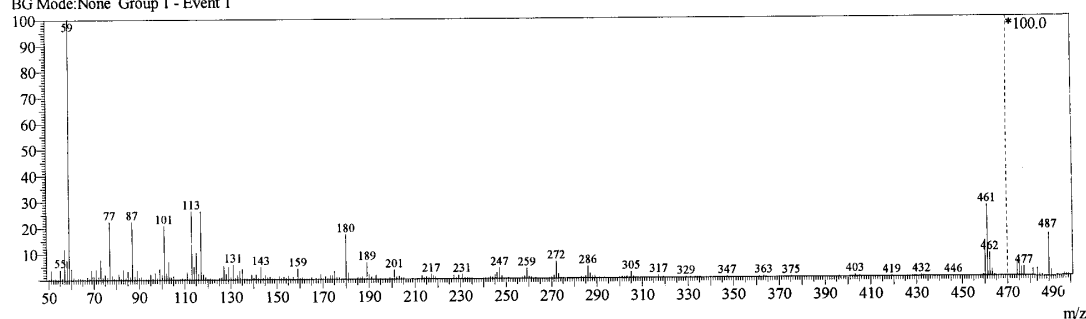
Method
 Analytical Line 1
 IonSourceTemp : 250.00 °C
 [MS Table]
 --Group 1 - Event 1--
 Start Time : 0.00min
 End Time : 10.00min
 ACQ Mode : Scan
 Event Time : 0.50sec
 Scan Speed : 1428
 Start m/z : 50.00
 End m/z : 750.00
 Electron Voltage : 70 eV
 Ionization Mode : EI



C:\GCMSsolution\Data\Project1\MR11.QGD



Line#:1 R.Time:4.3(Scan#:517)
 MassPeaks:413
 RawMode:Single 4.3(517) BasePeak:59(413540)
 BG Mode:None Group 1 - Event 1



Mass Table

Line#:1 R.Time:4.3(Scan#:517)

MassPeaks:413

RawMode:Single 4.3(517) BasePeak:59(413540)

BG Mode:None Group 1 - Event 1

#	m/z	Abs. In	Rel. Int.	#	m/z	Abs. In	Rel. Int.	#	m/z	Abs. In	Rel. Int.
1	50.05	1993	0.48	4	53.05	1952	0.47	7	56.10	3406	0.82
2	51.05	15261	3.69	5	54.10	1321	0.32	8	57.05	48844	11.81
3	52.05	1931	0.47	6	55.05	16798	4.06	9	58.10	31628	7.65