

Supplementary Information

Design, synthesis, characterization and biological evaluation, of novel *N*-substituted 1,2,3,4-tetrahydropyrimidines-5-carboxamide derivatives

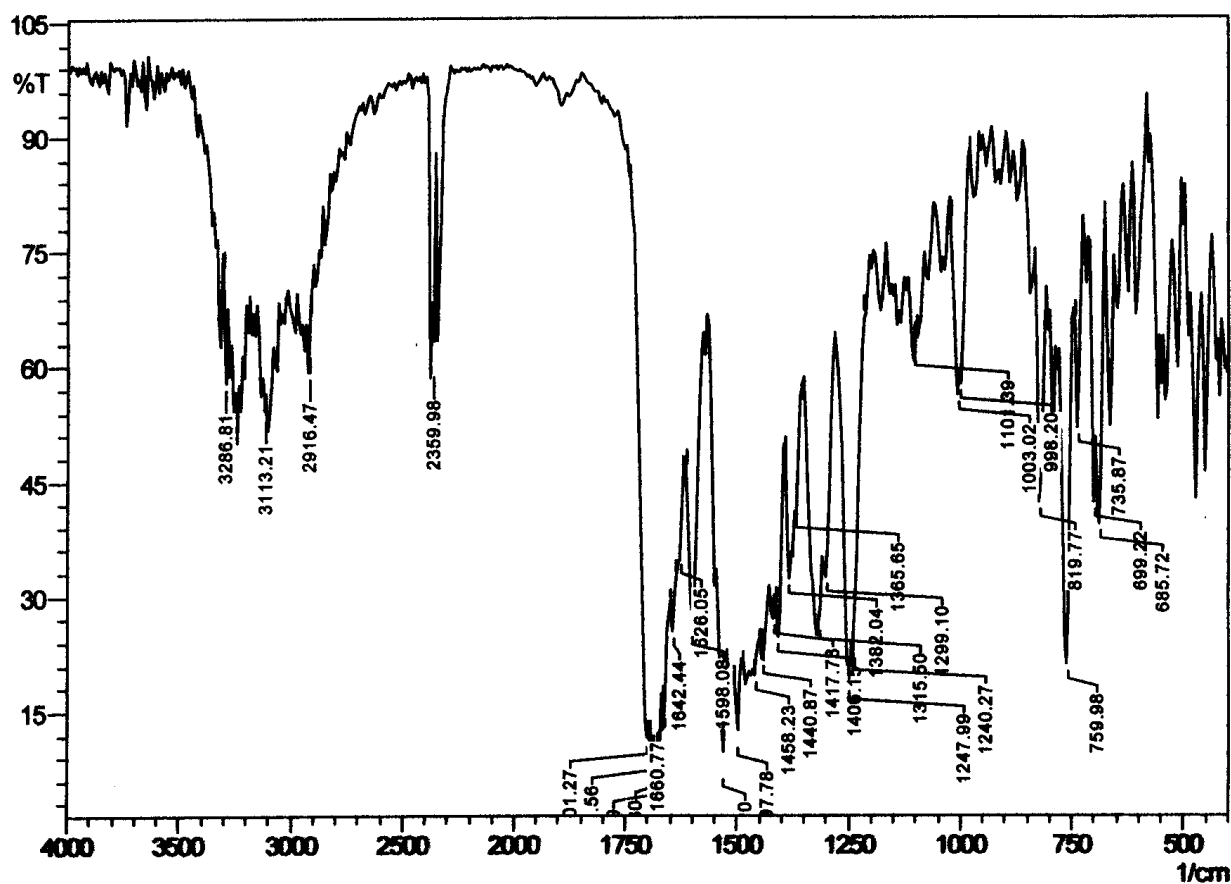
Manish J Solanki^{*a}, P R Vaccharajani^b & Vipul B Audichya^b

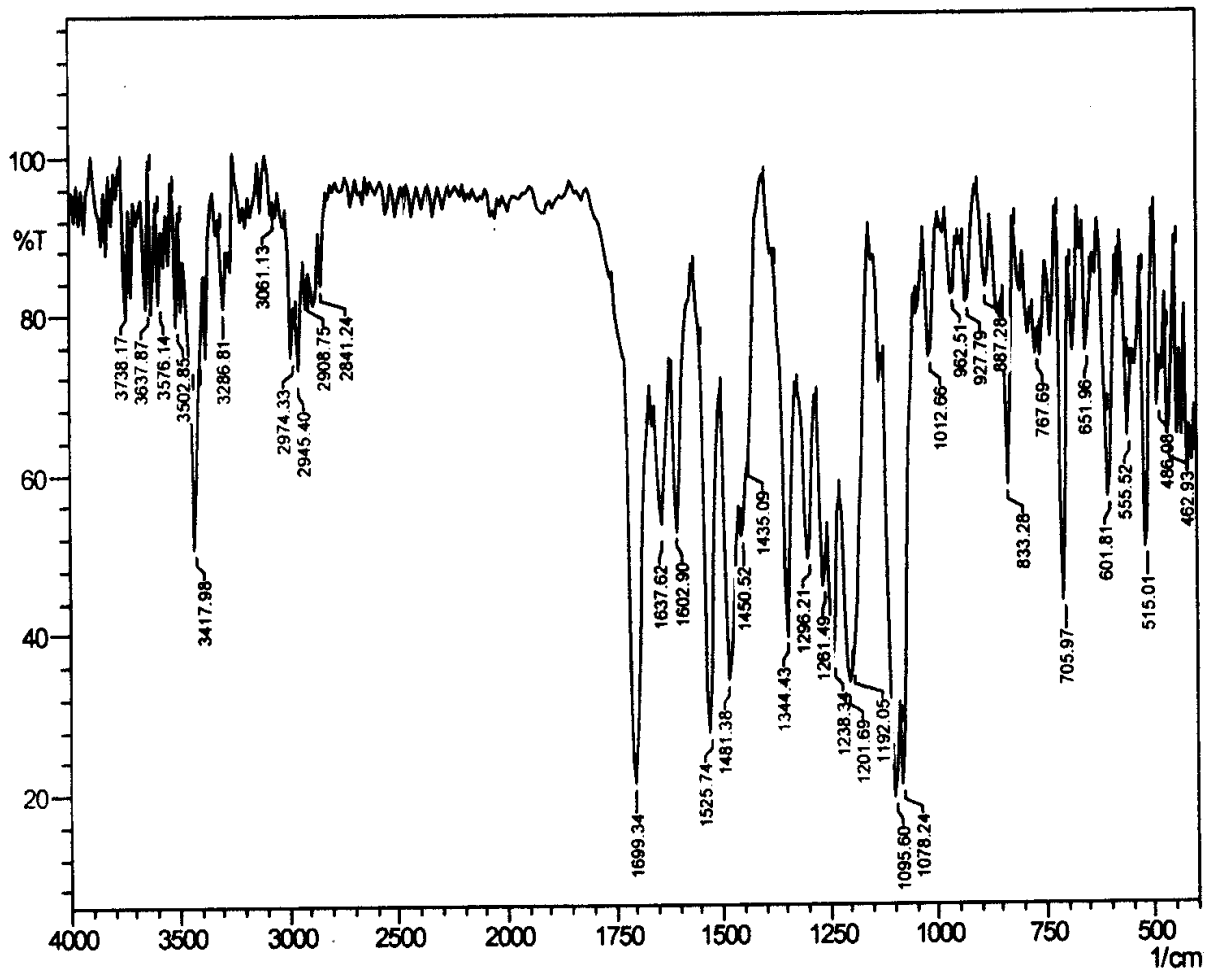
^a Chemistry Department, C.U. Shah Science College, Ahmedabad 380 001, Gujarat, India

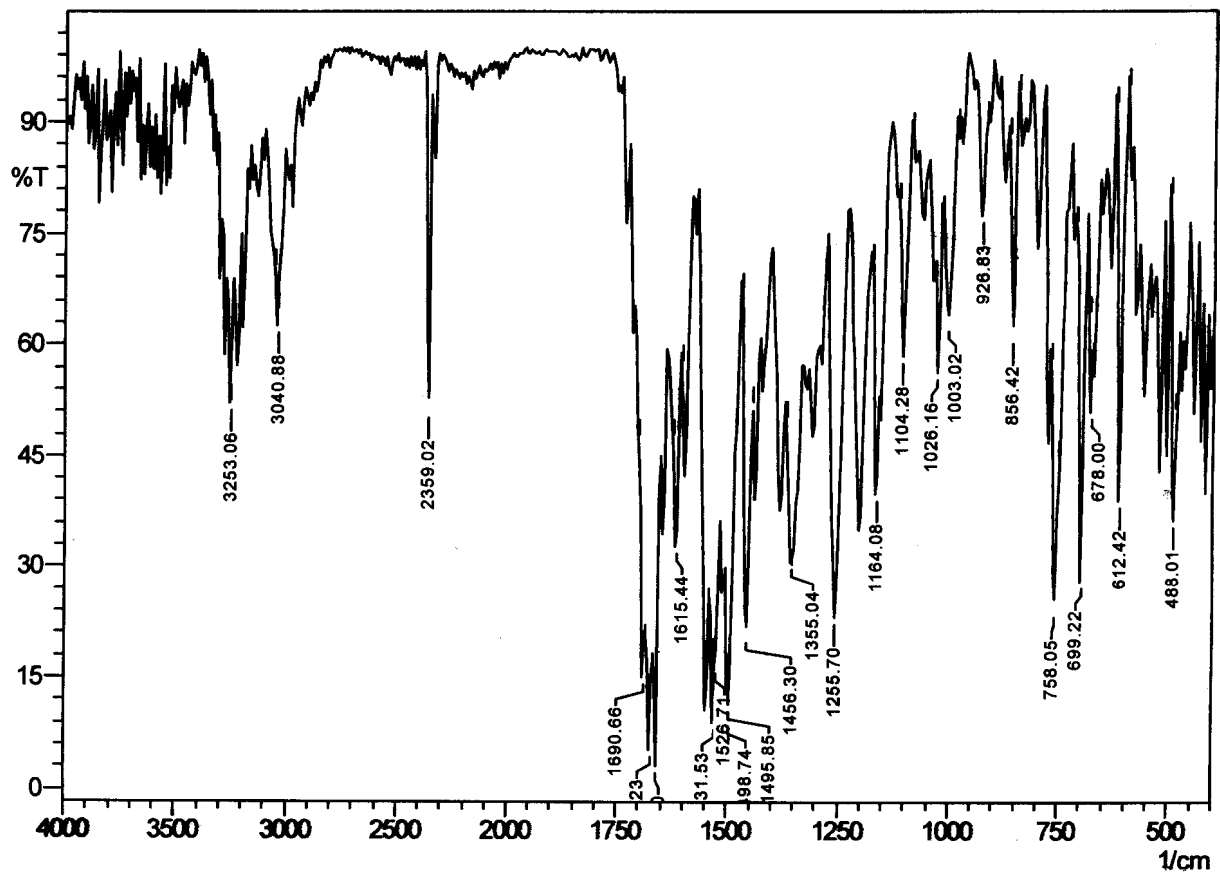
^b Department of Chemistry, Municipal Arts and Urban Bank Science College, Mahesana 384 002, India

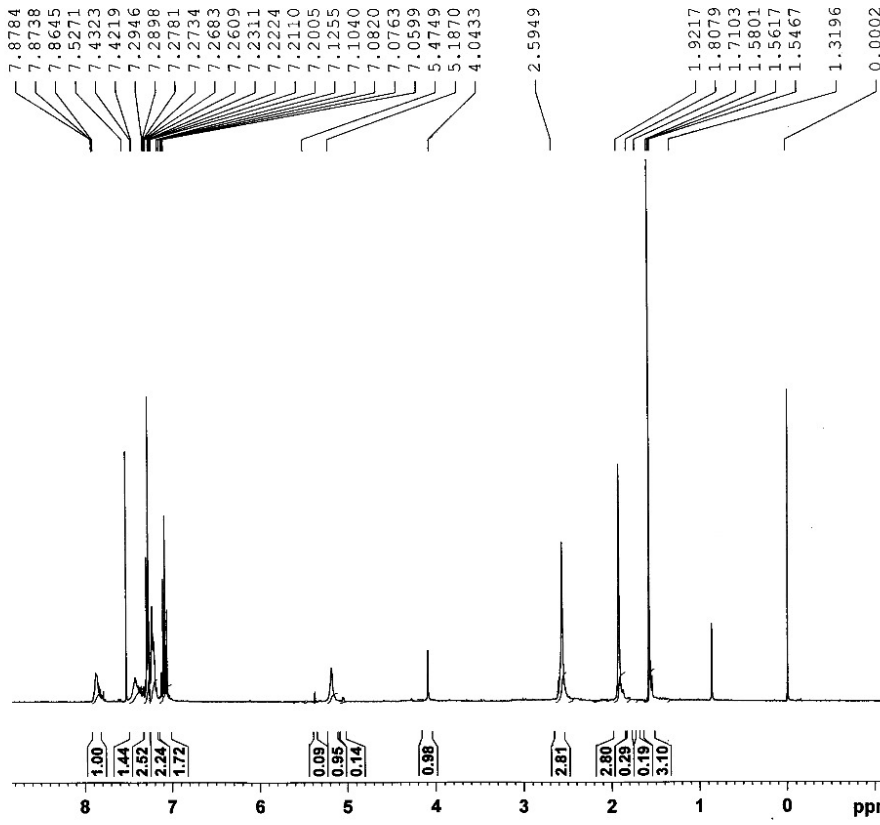
E-mail: manishsolanki4183@gmail.com, vipul.audichya@gmail.com

Received 13 May 2024; accepted (revised) 2 July 2025









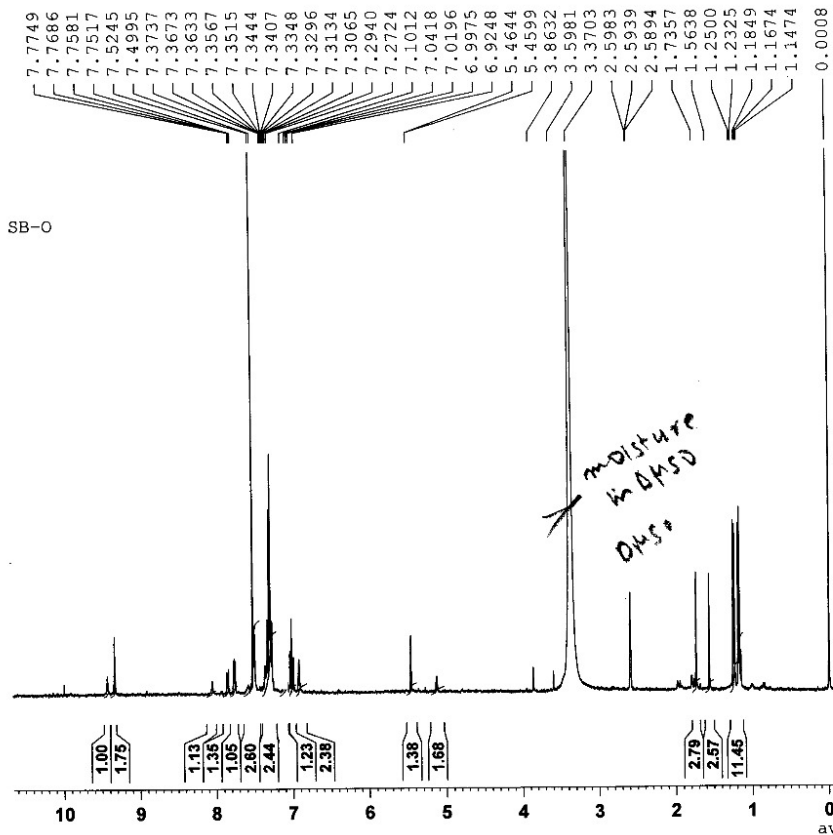
BRUKER
 AVANCE II 400 NMR
 Spectrometer
 SAIF
 Panjab University
 Chandigarh

Current Data Parameters
 NAME Jun29-2006
 EXPNO 50
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20060629
 Time_ 13.49
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 12019.230 Hz
 FIDRES 0.183399 Hz
 AQ 2.7263477 sec
 RC 645
 DW 41.600 usec
 DE 6.00 usec
 TE 294.9 K
 D1 1.00000000 sec
 TDO 1

----- CHANNEL f1 -----
 NUC1 1H
 P1 10.90 usec
 PL1 -3.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1318681 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



SB-0

BRUKER
 AVANCE II 400 NMR
 Spectrometer
 SAIF
 Panjab University
 Chandigarh

Current Data Parameters
 NAME Jun29-2006
 EXPNO 60
 PROCNO 1

F2 - Acquisition Parameters
 Date 20060629
 Time 13.56
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 12019.230 Hz
 FIDRES 0.183399 Hz
 AQ 2.7263477 sec
 RG 724
 DW 41.600 usec
 DE 6.00 usec
 TE 294.9 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 10.90 usec
 PL1 -3.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1318666 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

avtar_saifpu@yahoo.co.in

MASS SPECTRAL STUDY OF 4-(3-(4-chlorophenoxy)phenyl)-3,6-dimethyl-2-oxo-N-phenyl-1,2,3,4-tetrahydropyrimidine-5-carboxamide (4f).

DEPARTMENT OF CHEMISTRY
(DST-FIST Funded & UGC-SAP Sponsored)
SAURASHTRA UNIVERSITY
RAJKOT-360005

Sample Information

Analyzed by : VIJAY R. RAM
Analyzed : 10/21/2008 12:55:41 PM
Sample Name : PRV-301
Sample ID : PRV-301
Data File : C:\GCMSsolution\Data\Project1\PRV-301.QGD
C:\GCMSsolution\Data\Project1\DI.qgm
Tuning File : C:\GCMSsolution\System\Tune1\Tune-02-06-2008.qgt

Line#:1 R.Time:11.5(Scan#:1340)
MassPeaks:267 BasePeak:323(49822)
RawMode:Averaged 0.8-18.0(62-2130)
BG Mode:None

