

Supplementary Information

Synthesis of triazine linked pyrazole heterocyclics by conventional heating and microwave irradiative cyclocondensation and evaluation of antitubercular and antimicrobial potential

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NMR-1

VRP-5

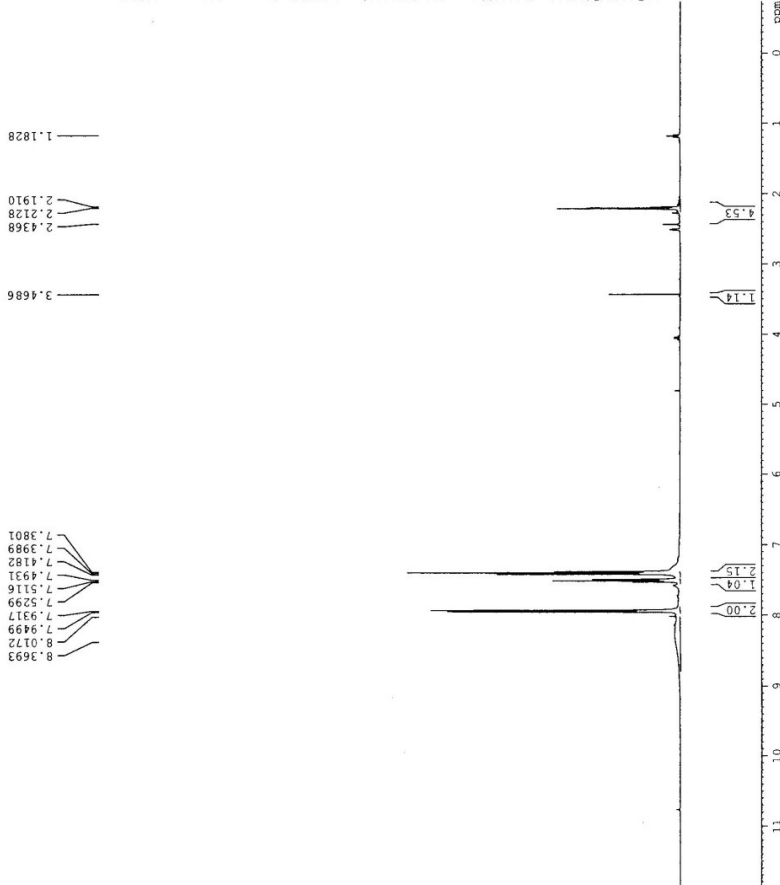
BRUKER
AVANCE II 400 NMR
Spectrometer
SAIF
Panjab University
Chandigarh

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Time 21
PROCNO 1

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Time 8.59
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PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 8
DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 1
DE 41.600 usec
TE 294.3 K
D1 1.00000000 sec
TD0 1

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P1 10.90 usec
PL1 -3.00 dB
SFO1 400.1324710 MHz

F2 - Processing Parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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NMR-3b

VRP-7c

BRUKER
AVANCE II 400 NMR
Spectrometer
SAIF
Panjab University
Chandigarh

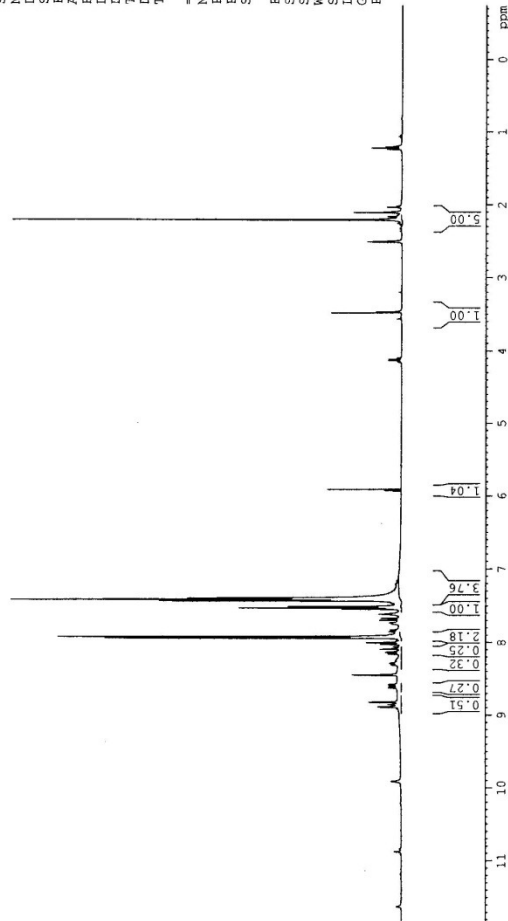
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PROCNO 1

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PULPROG zg30
SOLVENT DMSO
DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 144
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TE 294.2 K
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TDO 1

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SF01 400.1324710 MHz

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LB 0.30 Hz
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PC 1.00

8.8937
8.8881
8.8275
8.8211
8.4502
8.4461
8.0943
8.0292
8.0245
8.0063
8.0017
7.9380
7.9200
7.9115
7.6967
7.6723
7.6147
7.5461
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7.5092
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5.8806



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NMR-5a

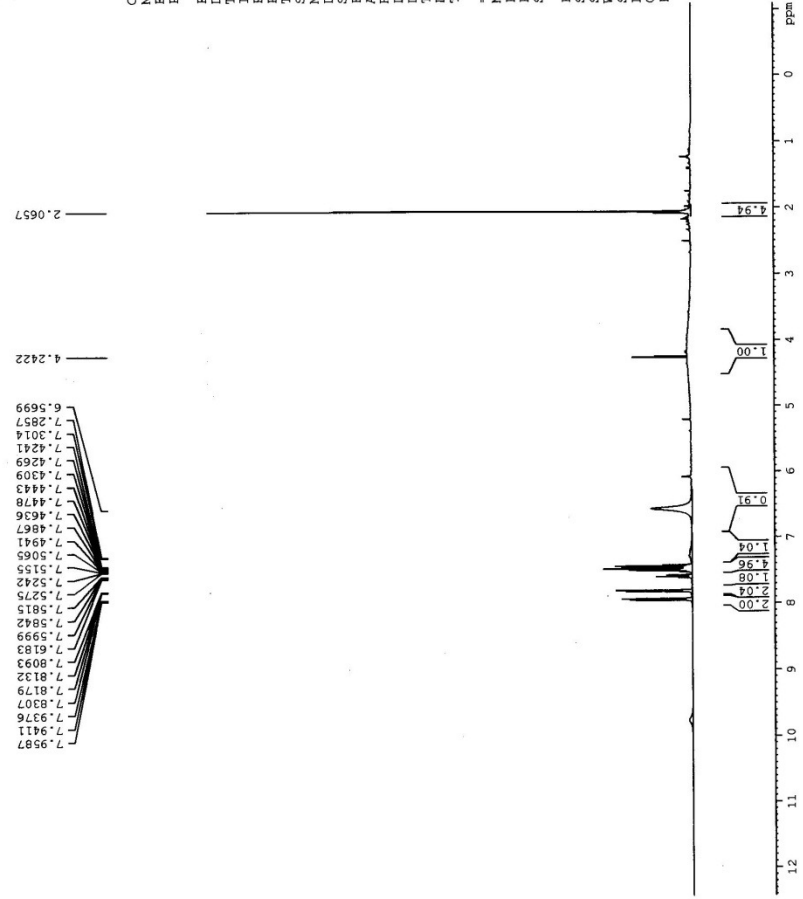
BRUKER
AVANCE II 400 NMR
Spectrometer
SAIF
Panjab University
Chandigarh

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EXPNO 350
PROCNO 1

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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 9
DS 4
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FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 181
DW 41.600 usec
DE 6.00 usec
TE 299.15 K
D1 1.00000000 sec
TD0 1

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SF 400.1300000 MHz
WDW EM
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GB 0
PC 1.00

RSM-I (ii) 5a



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NMR-5b

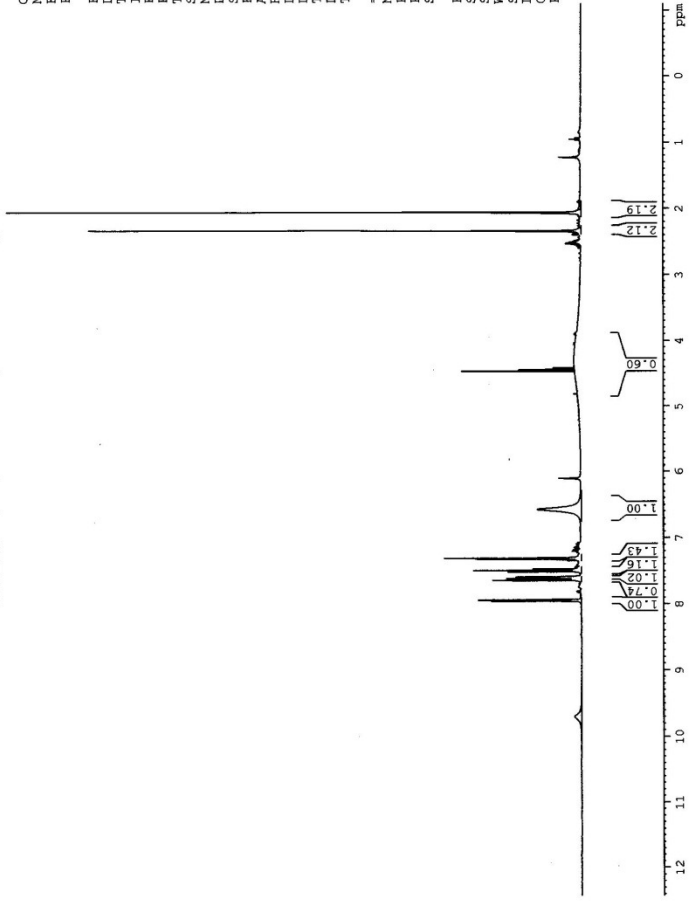
BRUKER
AVANCE II 400 NMR
Spectrometer
SALF
Panjab University
Chandigarh

RSM-I(ii)5b

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PROCNO 1
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2g30
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SOLVENT DMSO
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SWH 12019.230 Hz
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TE 299.6 K
D1 1.00000000 sec
TDO 1

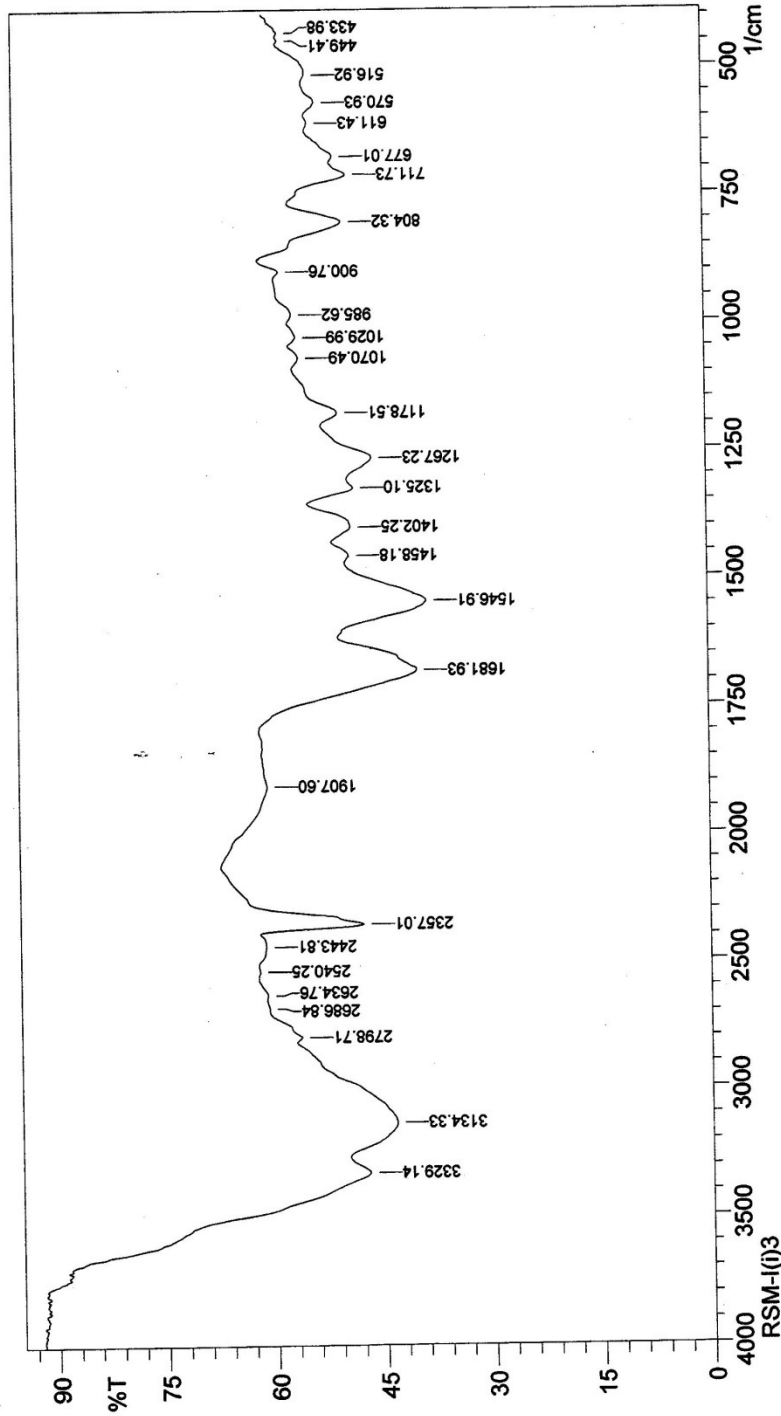
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WDW EM
SSB 0
CB 0.50 Hz
GC 0
PC 1.00

7.9631
7.9455
7.9420
7.8321
7.8144
7.8108
7.7428
7.6459
7.6335
7.6304
7.6197
7.6151
7.6108
7.5967
7.5939
7.5163
7.4968
7.4782
7.4634
7.4480
7.4445
7.4269
7.4135
7.3944
7.3750
7.3511
7.3258
7.3204
7.3145
7.3121
7.2632
7.2256
7.2075
7.1890
7.1519
7.1358
7.1104
7.0967
7.0794
6.5748
6.1046
4.4565
2.5157
2.5114
2.5025
2.4982
2.3410
2.0669



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IR-1



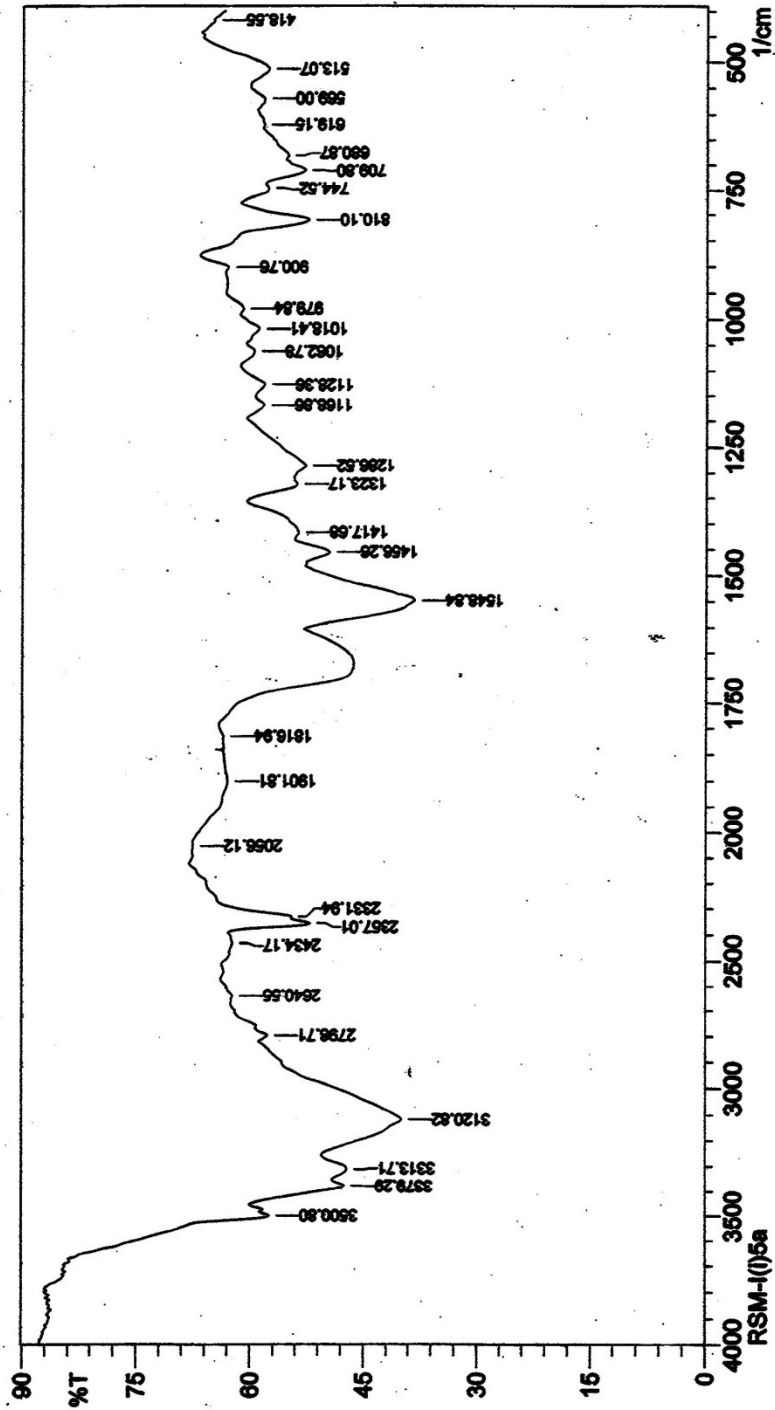
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Comment:
RSM-I(0)3

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IR-3a



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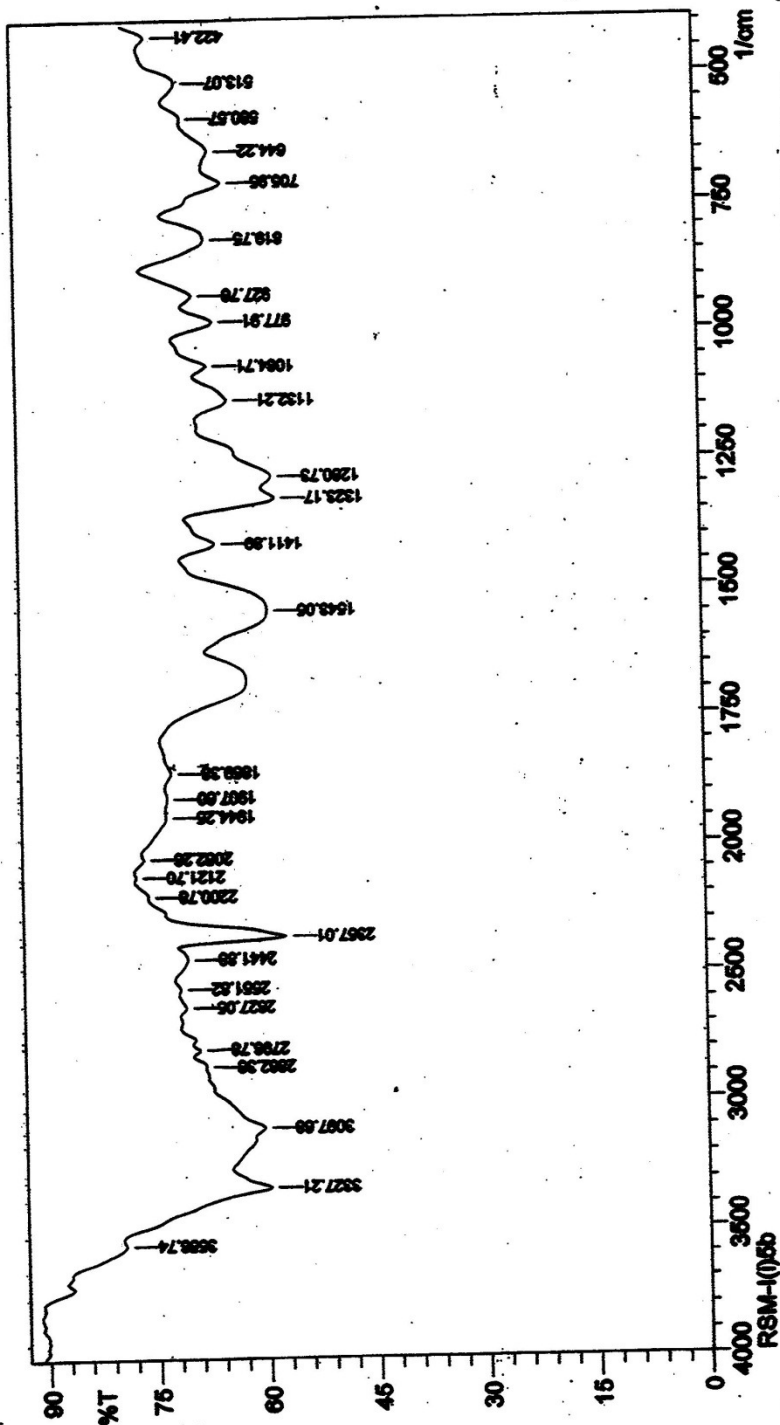
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RSM-I(0)5a

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IR-3b

SHIMADZU

Shri Shivaji College of Arts, Commerce & Science, Akola.



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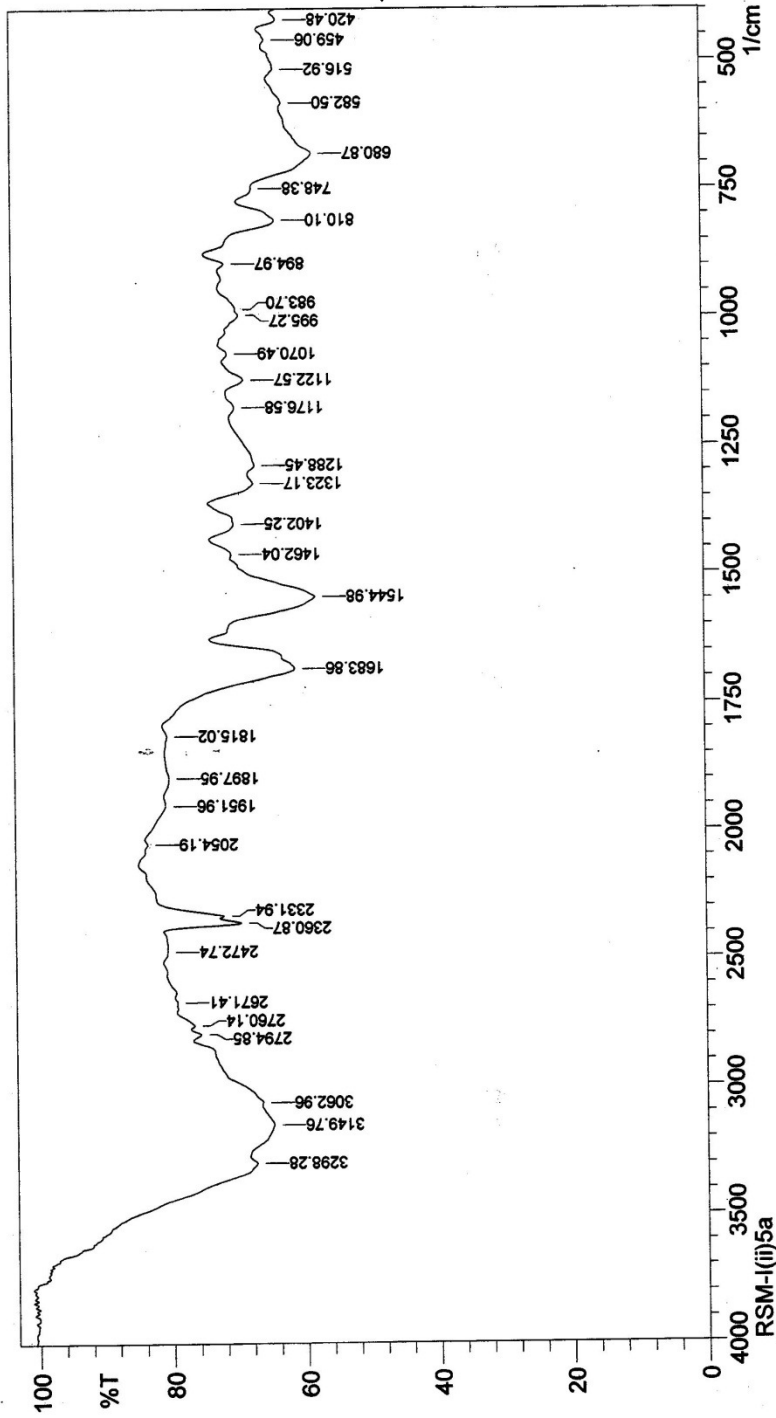
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Shri Shivaji College of Arts, Commerce & Science, Akola.

IR-5a



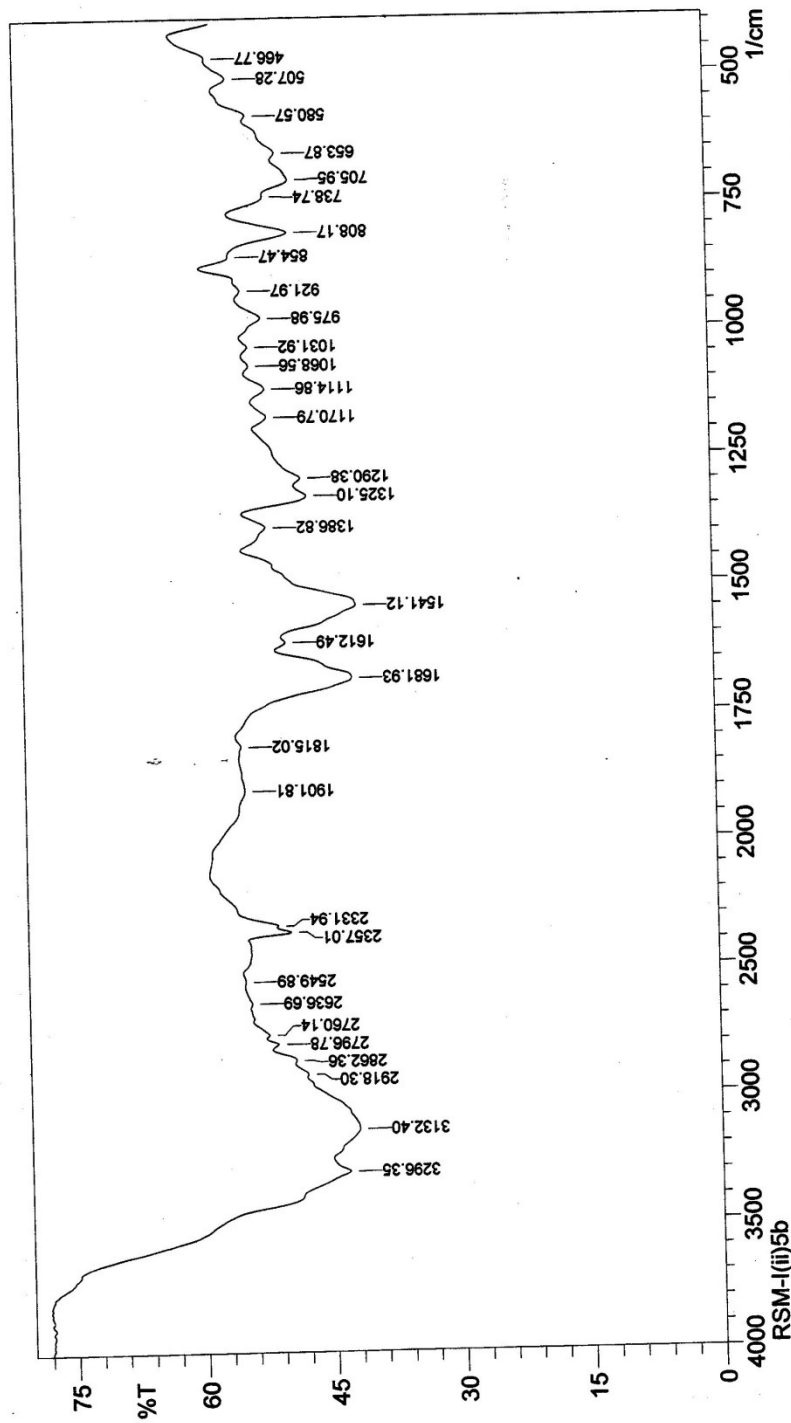
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IR-5b



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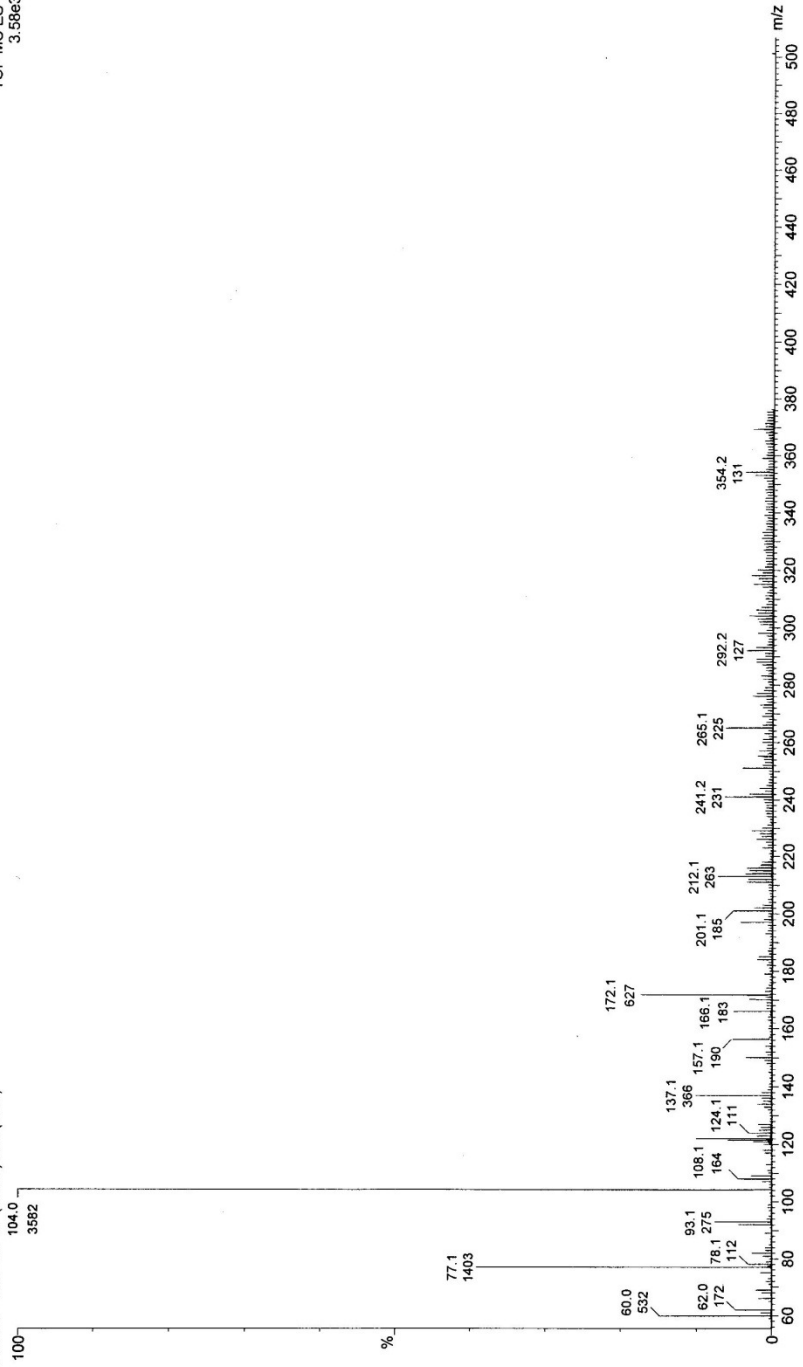
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RSM-I(ii)5b

Mass-3a

SAIFIL, PANJAB UNIVERSITY, CHANDIGARH
TOF MS ES-
3.58e3

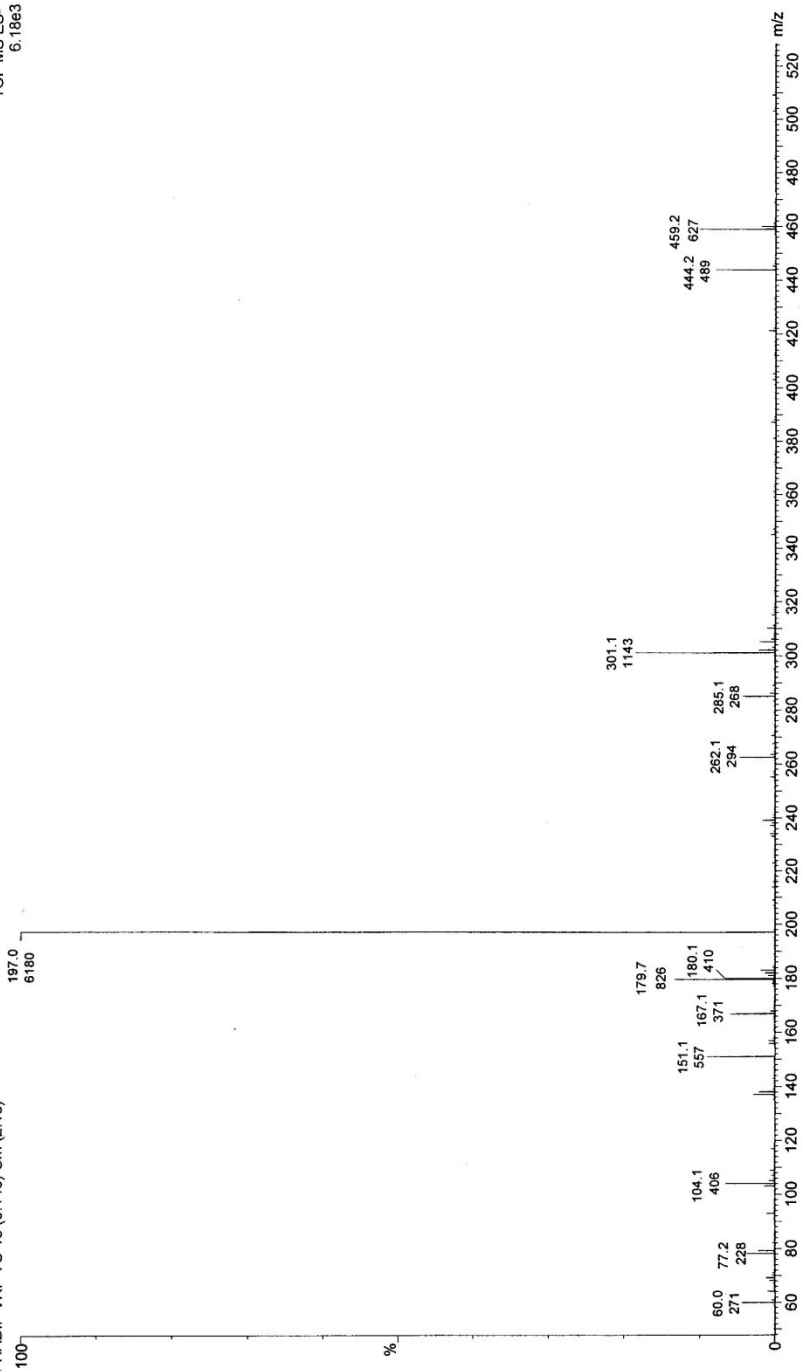
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PRADIP VRP-7A-17 (0.191) Cm (2:18)



Mass-3b

SAIFIL, PANJAB UNIVERSITY, CHANDIGARH
TOF MS ES-
6.18e3

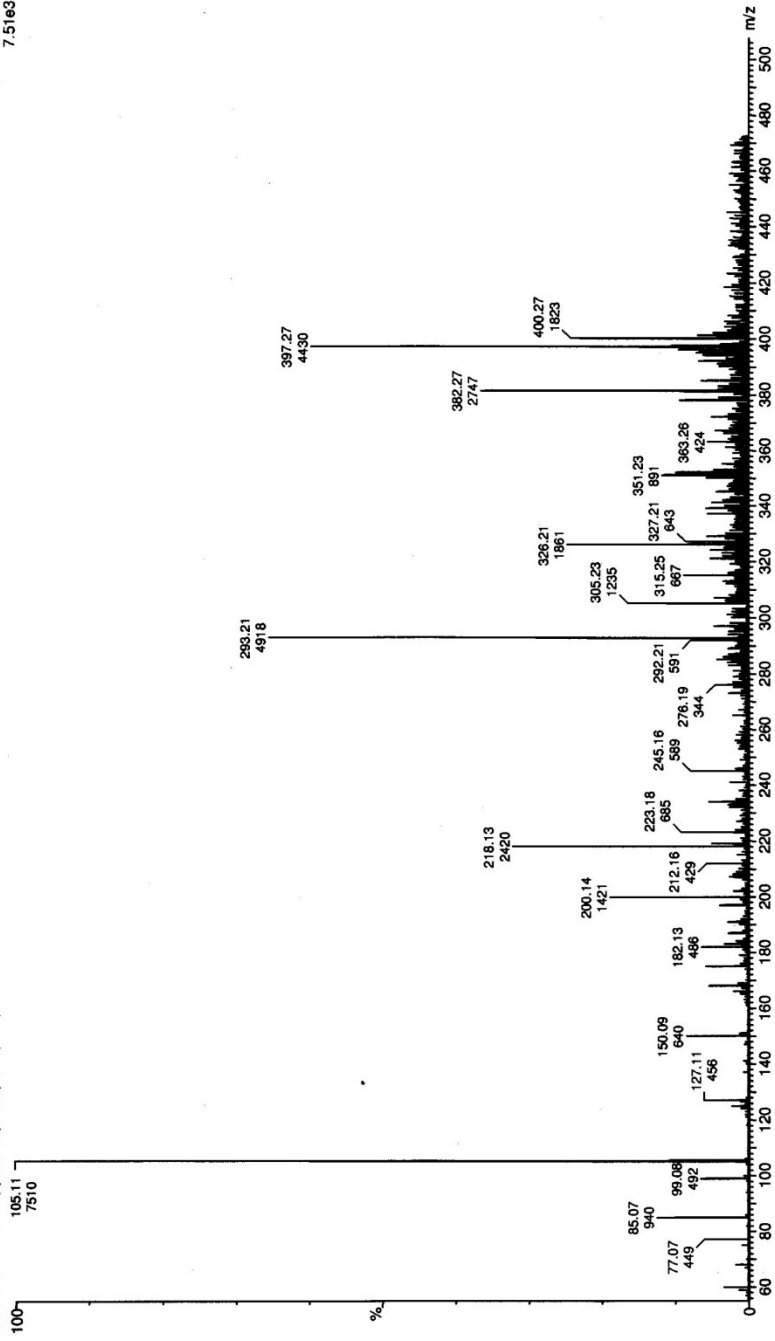
WATERS, Q-TOF MICROMASS (LC-MS)
PRADIP VRP-7C 13 (0.146) Cm (2:16)



Mass-5a

SAIF/CIL, PANJAB UNIVERSITY, CHANDIGARH
TOF MS ES+
7.51e3

WATERS, Q-TOF MICROMASS (ESI-MS)
R S MULANI RSM-I (II) Sa 16 (0.565) Cm (1:17)



Mass-5b

SAIF/CIL, PANJAB UNIVERSITY, CHANDIGARH
TOF MS ES+
1.3664

WATERS, Q-TOF MICROMASS (ESI-MS)
R S MULANI RSM-H (H) 5b- 8 (0.282) Cm (1:16)

