

1

SUPPLEMENTARY MATERIAL TO

2 **Microwave Assisted Synthesis of Substituted 4-Chloro-8-methyl-2-(1,3-diphenyl-1H-pyrazol-4-yl)-1,5-dioxo-2H-phenanthren-6-ones and**  
3 **Their Antimicrobial Activity**

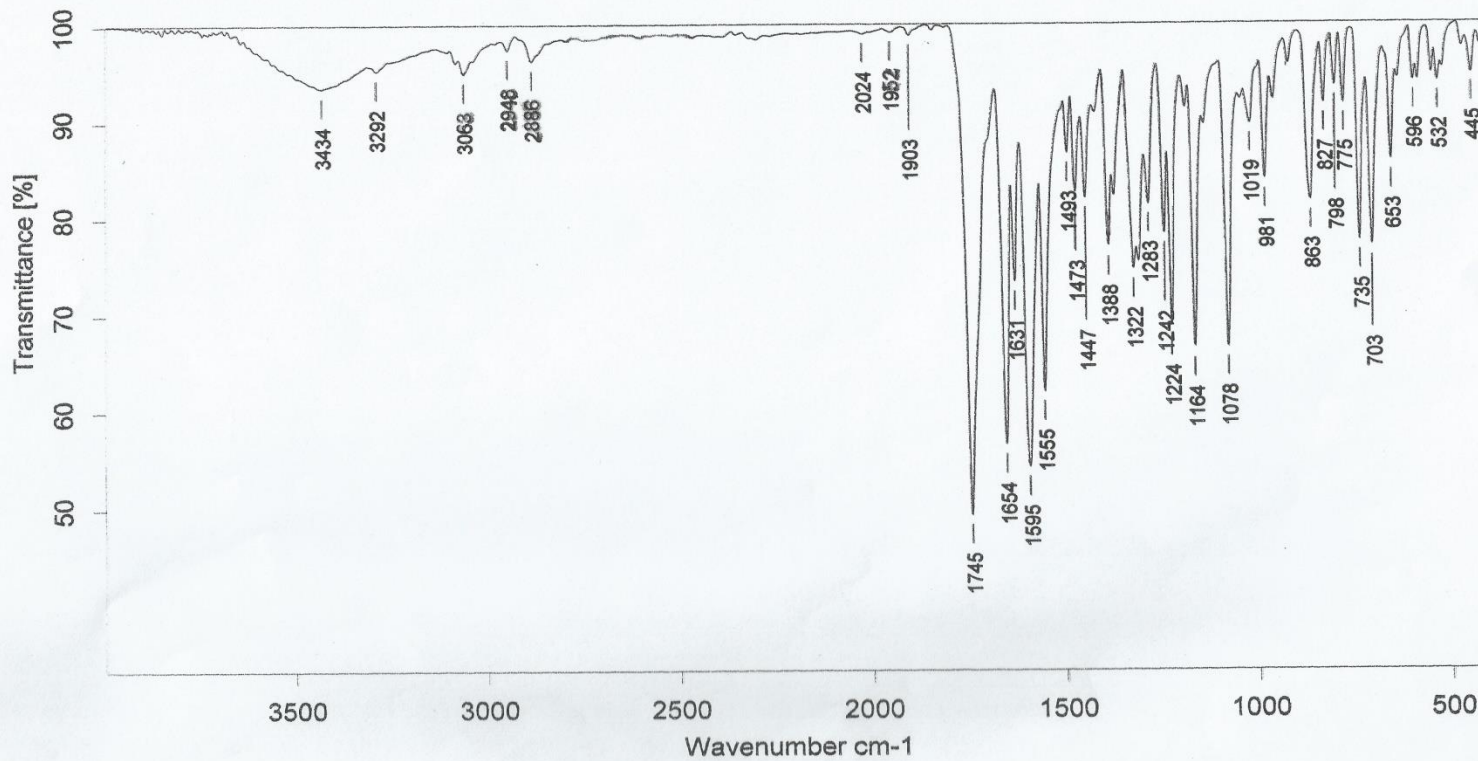
4 DONGAMANTI ASHOK<sup>1\*</sup>, BACHI REDDY VANAJA<sup>1</sup>, MDDERLA SARASIJA<sup>2</sup> and B. VIJAYA LAKSHMI<sup>1</sup>

5 <sup>1</sup>*Green and Medicinal Chemistry Laboratory, Department of Chemistry, Osmania University, Hyderabad, India, 500007,* <sup>2</sup>*Department of*  
6 *Chemistry, Satavahana University, Karimnagar, Telangana, India, 505001*

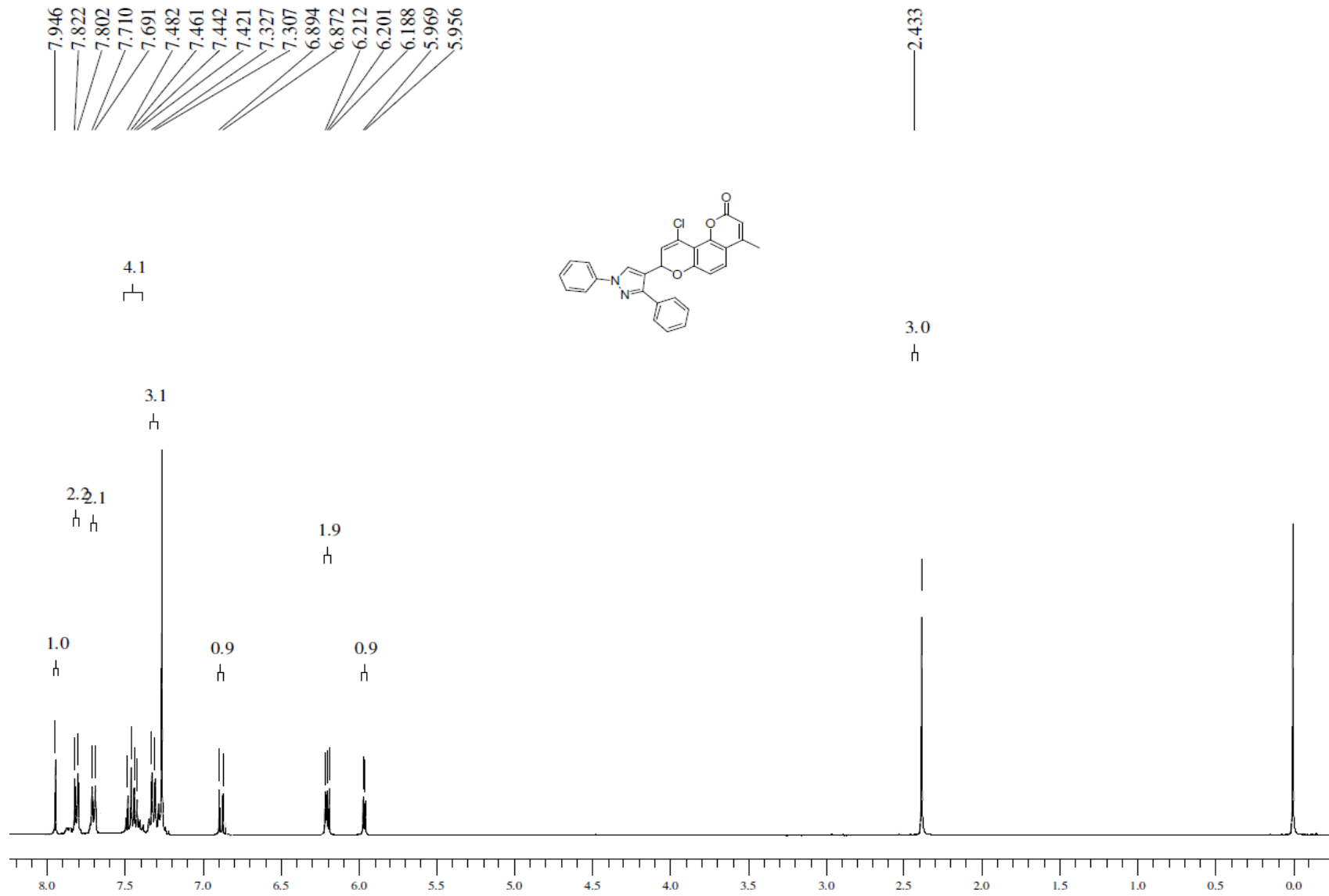


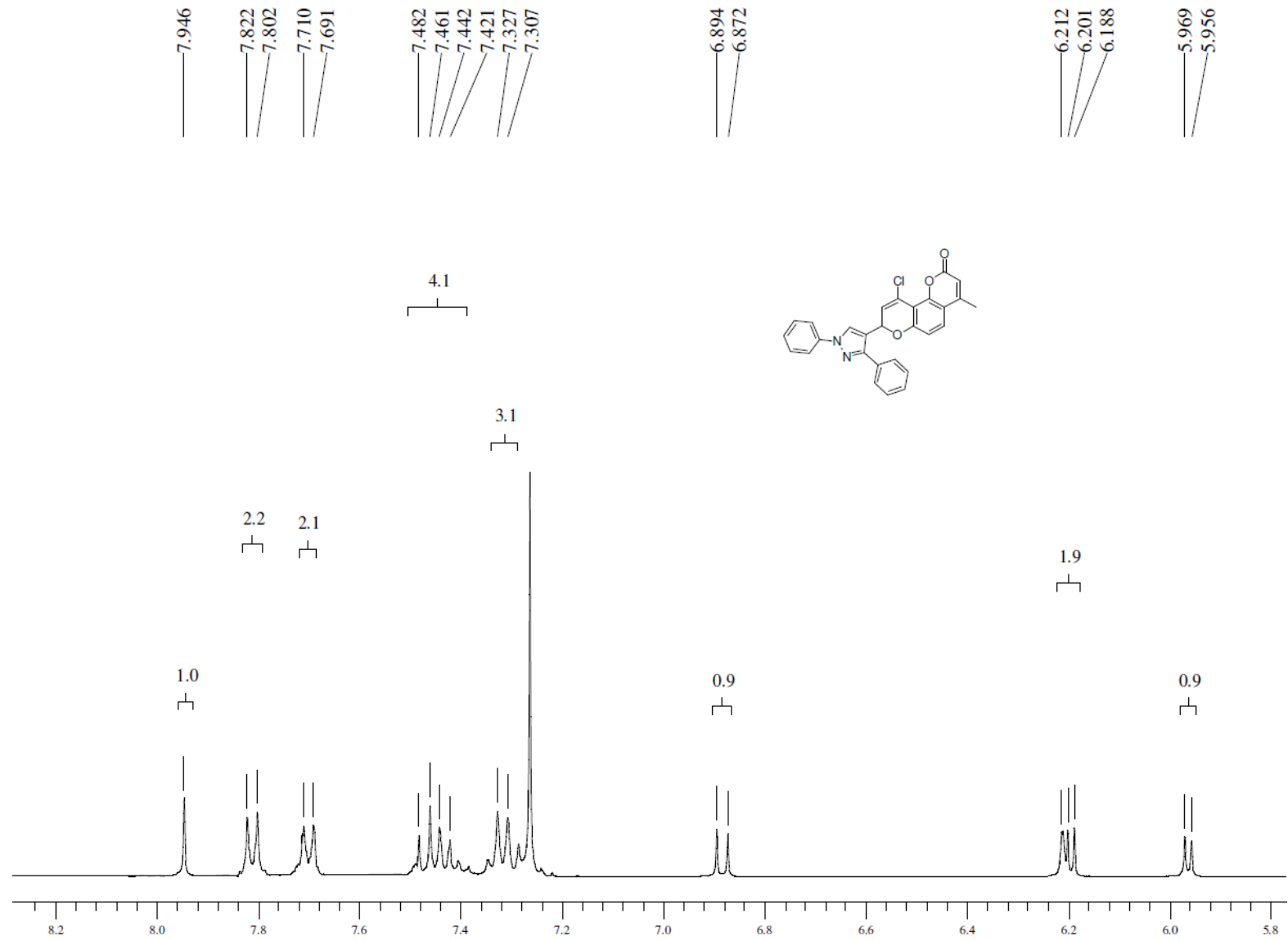
CENTRAL FACILITIES - OSMANIA UNIVERSITY

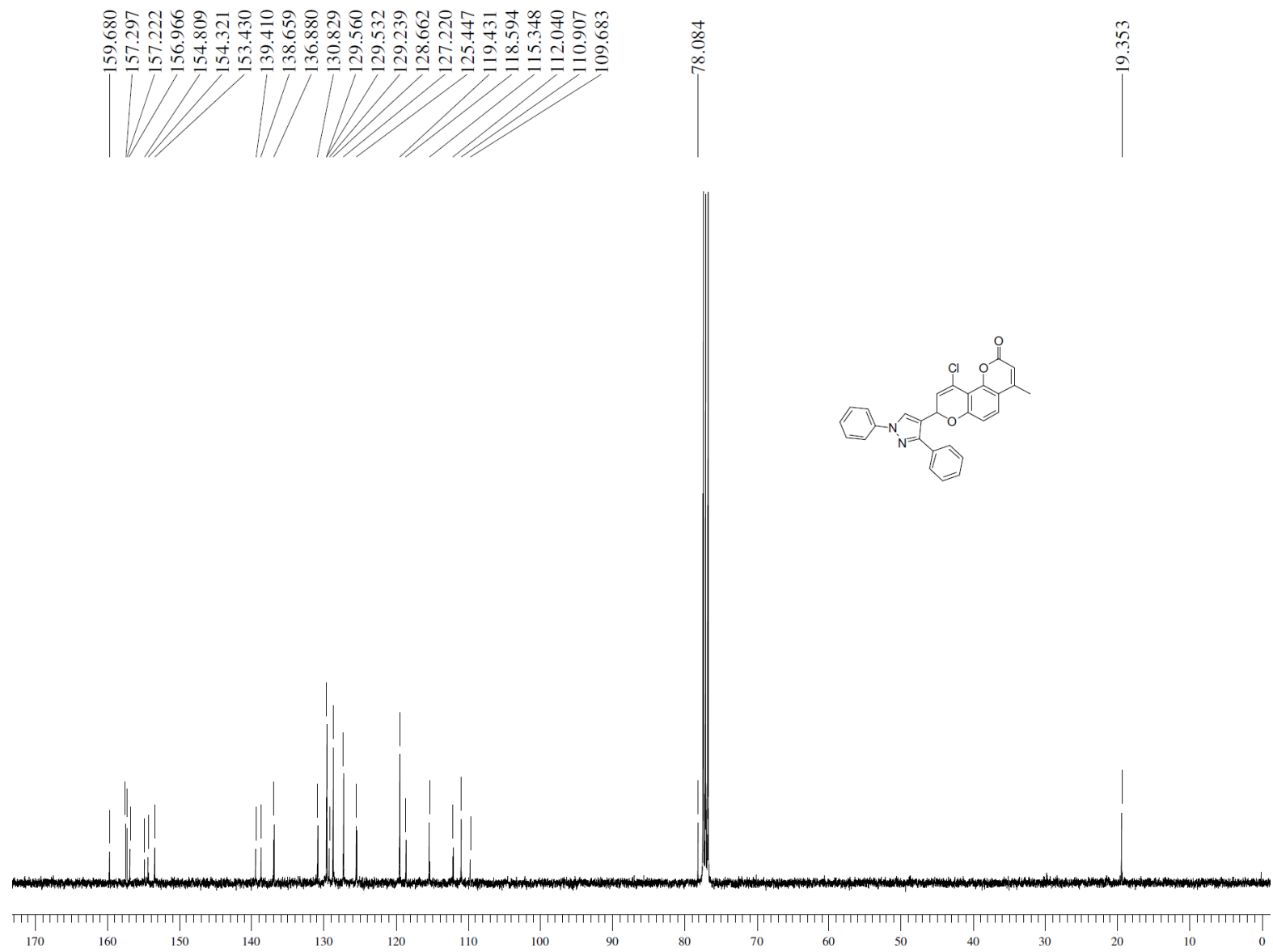
FTIR ANALYSIS REPORT



Sample Name: 1108-106    VJ CI    Sample Form:KBR Pellet    27/08/2011    2:54:50 PM



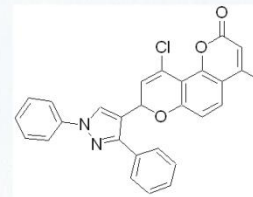
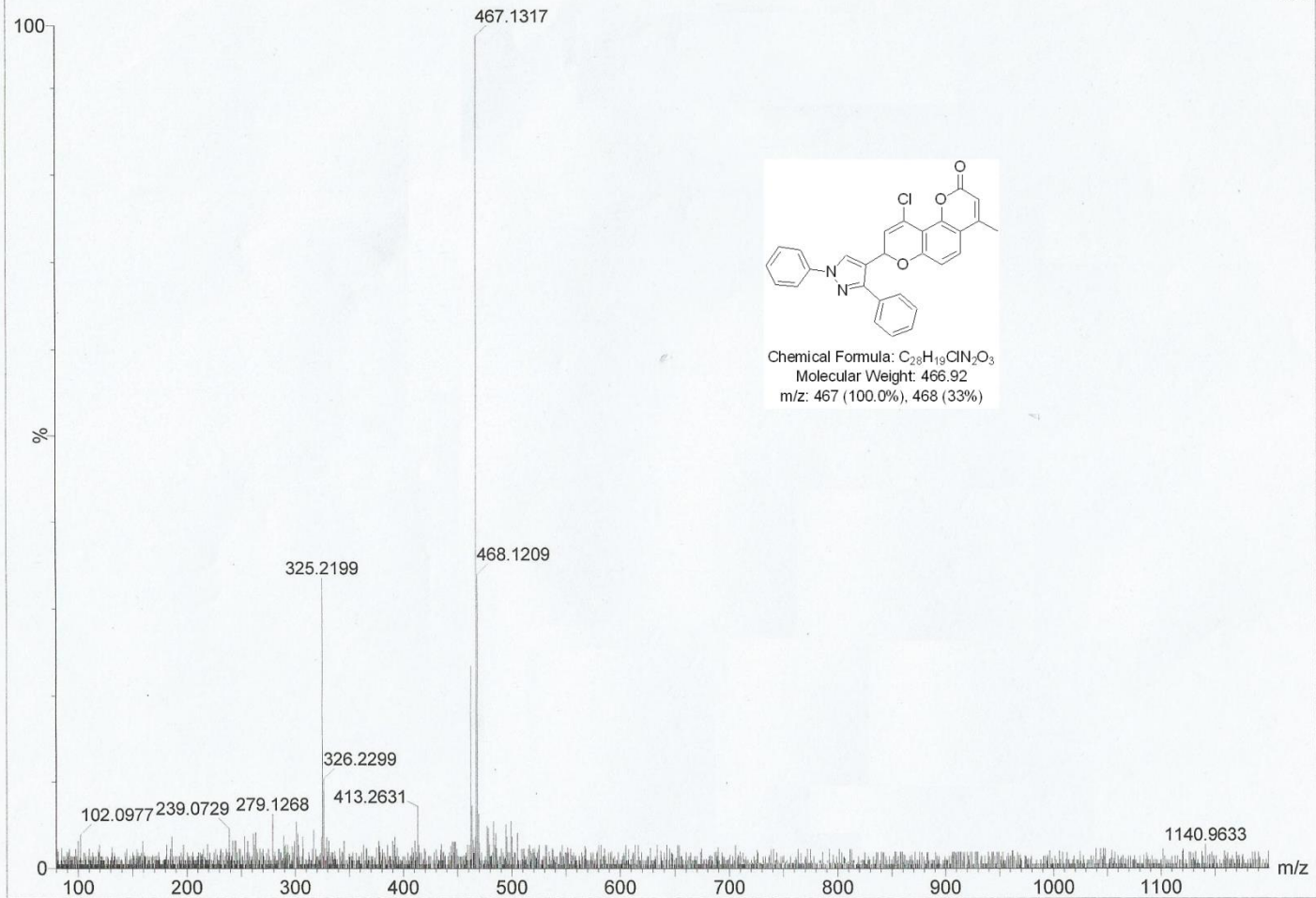




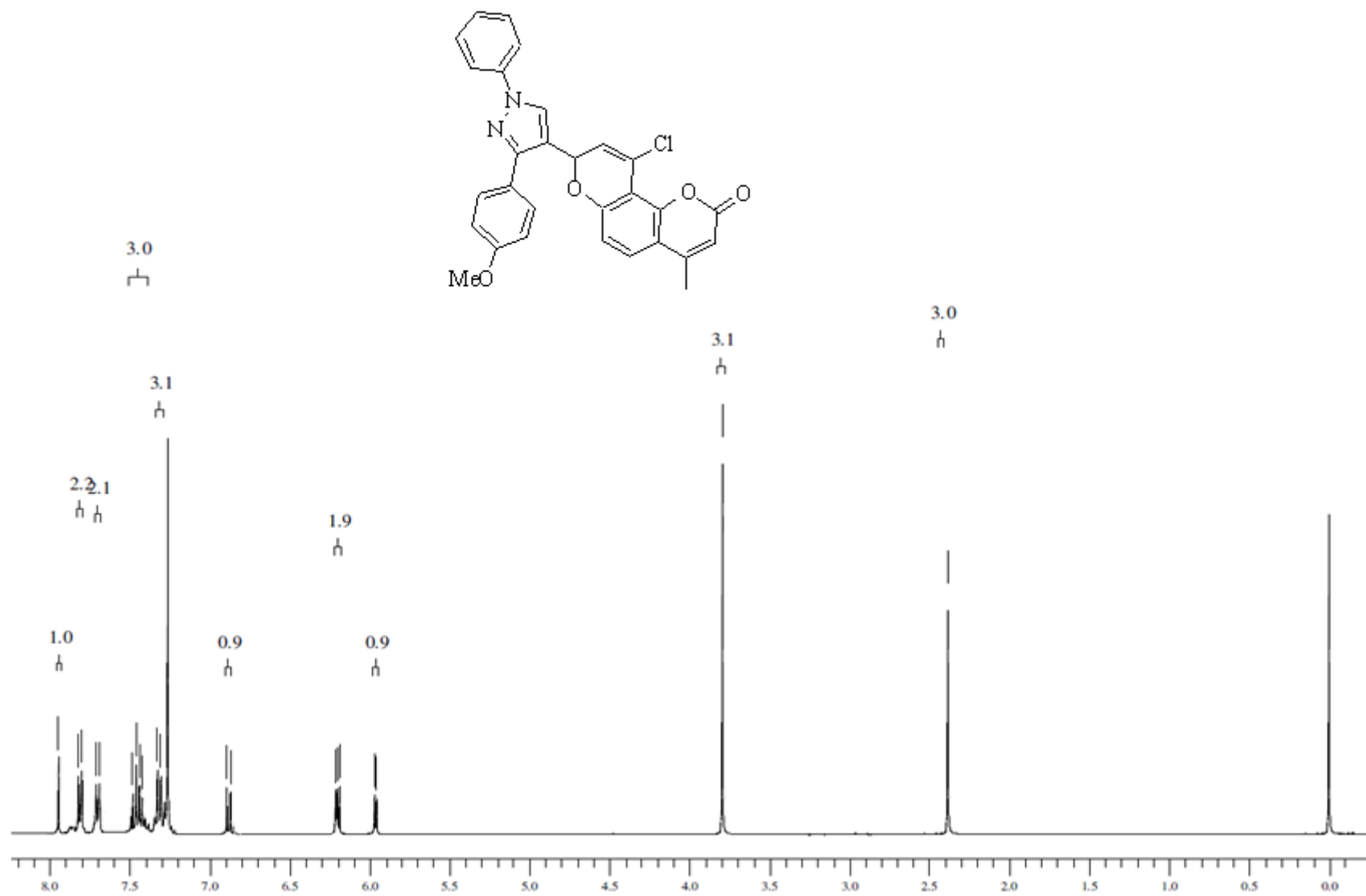
**LVR-03124**

LVR-03124 6 (0.134) AM (Cen,2, 99.00, Ar,5434.0,556.28,0.17,LS 10); Sm (Mn, 4x6.00); Cm (6:9)

1: TOF MS ES+  
227

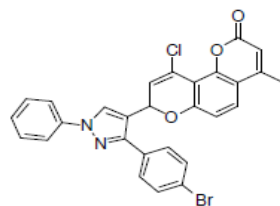


Chemical Formula: C<sub>28</sub>H<sub>19</sub>ClN<sub>2</sub>O<sub>3</sub>  
Molecular Weight: 466.92  
m/z: 467 (100.0%), 468 (33%)



7.952  
7.837  
7.815  
7.701  
7.681  
7.656  
7.649  
7.627  
7.486  
7.472  
7.465  
7.453  
7.432  
7.324  
7.306  
6.873  
6.852  
6.218  
6.214  
6.209  
6.196  
5.947  
5.933

2.391  
2.388



4.9

□

3.6

□

3.6

h

2.0

h

2.0

h

1.0

h

1.2

h

0.9

h

1.0

h

