

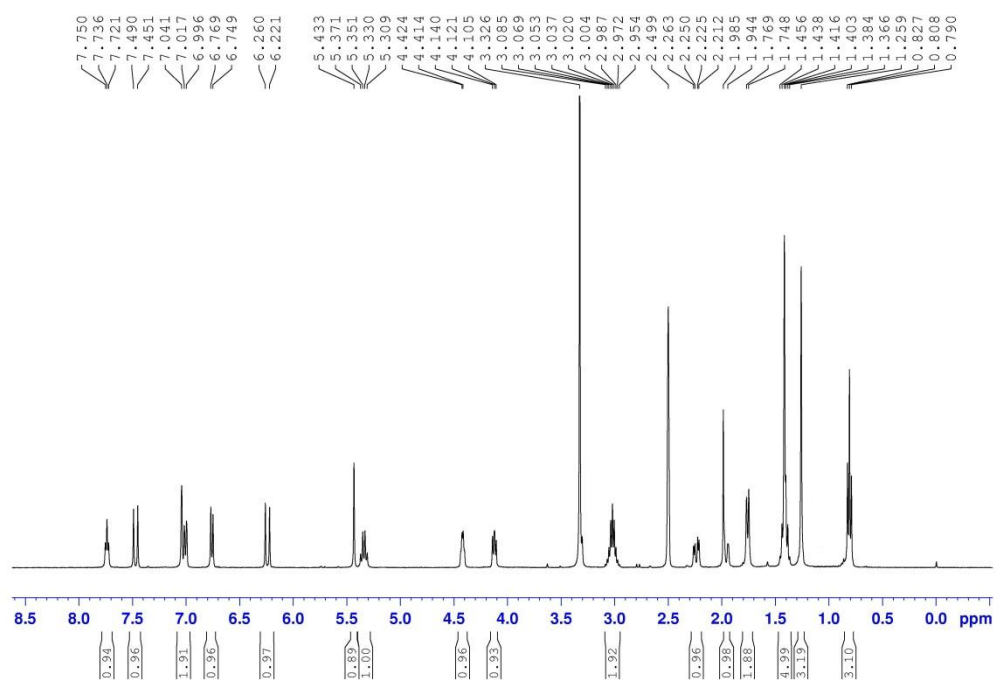
Synthesis and *in vitro* evaluation of caffeoylquinic acids derivatives as potential hypolipidemic agents

Yu Tian^{1,†}, Xiao-xue Cao^{1,†}, Hai Shang¹, Chong-ming Wu¹, Xi Zhang², Peng Guo^{1,*}, Xiao-po Zhang^{3,*}, and Xu-Dong Xu^{1,*}

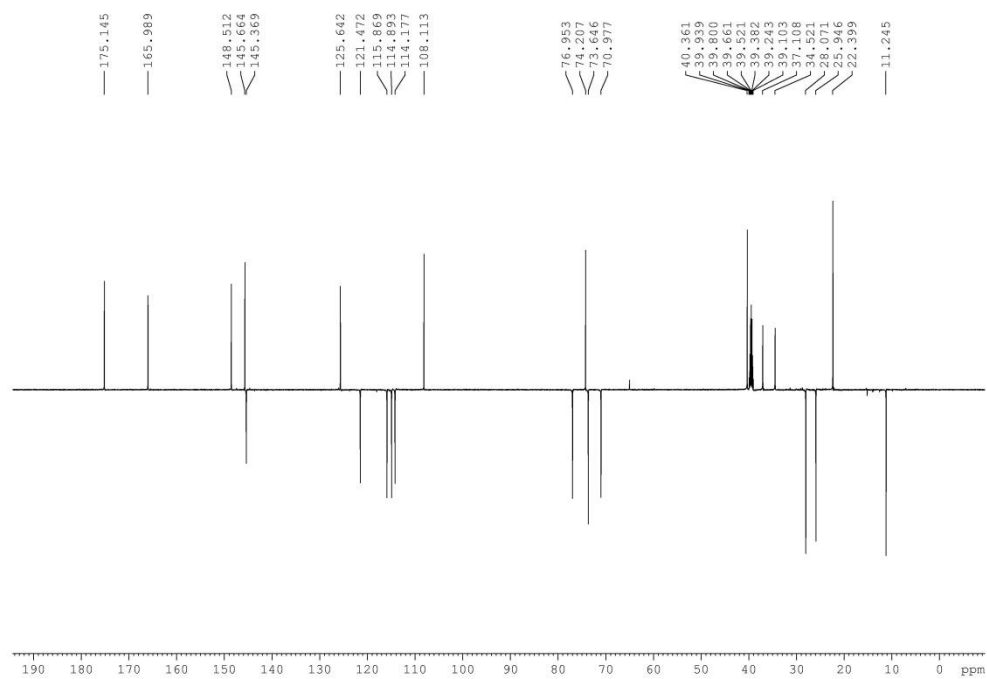
- ¹ Beijing Key Laboratory of Innovative Drug Discovery of Traditional Chinese Medicine (Natural Medicine) and Translational Medicine; Key Laboratory of Bioactive Substances and Resources Utilization of Chinese Herbal Medicine, Ministry of Education; Key Laboratory of Efficacy Evaluation of Chinese Medicine against Glycolipid Metabolic Disorders, State Administration of Traditional Chinese Medicine; Zhong guan cun Open Laboratory of the Research and Development of Natural Medicine and Health Products; Key Laboratory of new drug discovery based on Classic Chinese medicine prescription; Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing 100193, P. R. China; ytian@implad.ac.cn (Y.T.); snow2018cxx@163.com (X.-X.C.); hshang@implad.ac.cn (H.S.); cmwu@implad.ac.cn (C.-M.W.)
- ² Center of Research and Development on Life Sciences and Environment Sciences, Harbin University of Commerce, Harbin 150076, P. R. China; 18800467885@163.com (X.Z.)
- ³ School of Pharmacy, Hainan Medical University, Haikou 571199, P. R. China
- † These authors contributed equally to this work.
- * Correspondence: pguo@implad.ac.cn (P. G.); z_xp1412@163.com (X.-P.Z.); xdxu@implad.ac.cn (X.-D.X.)

*Correspondence authors. Address: Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences & Peking Union Medical College, No. 151, Malianwa North Road, Haidian District, Beijing 100193, PR China. Tel: +86-010-57833296; Fax: +86-010-57833296.

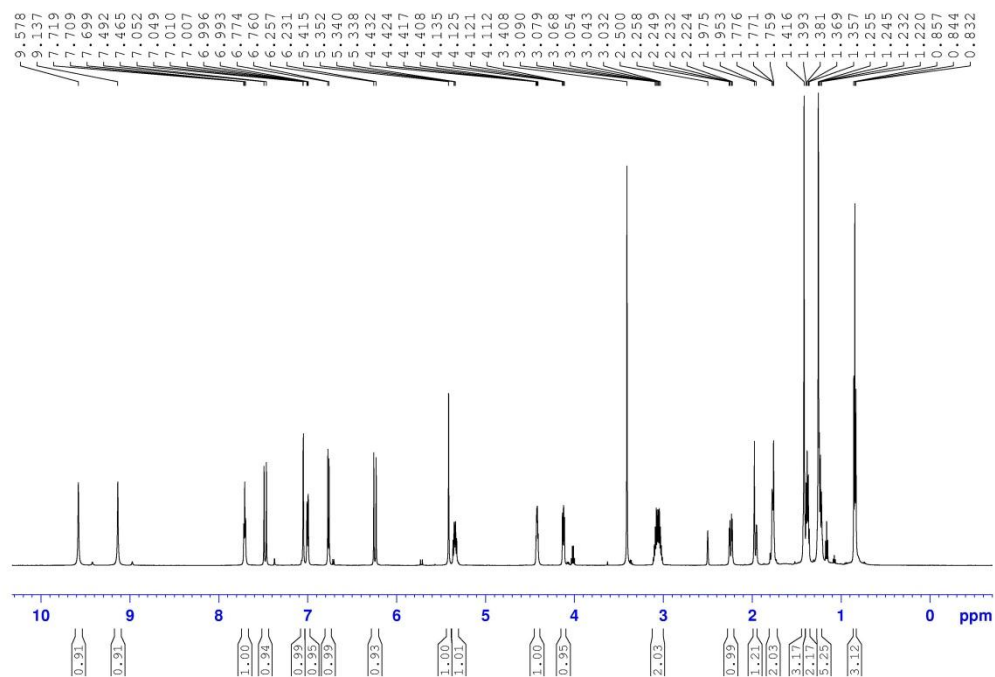
E-mail addresses: xdxu@implad.ac.cn (Xudong Xu), pguo@implad.ac.cn (Guo Peng).



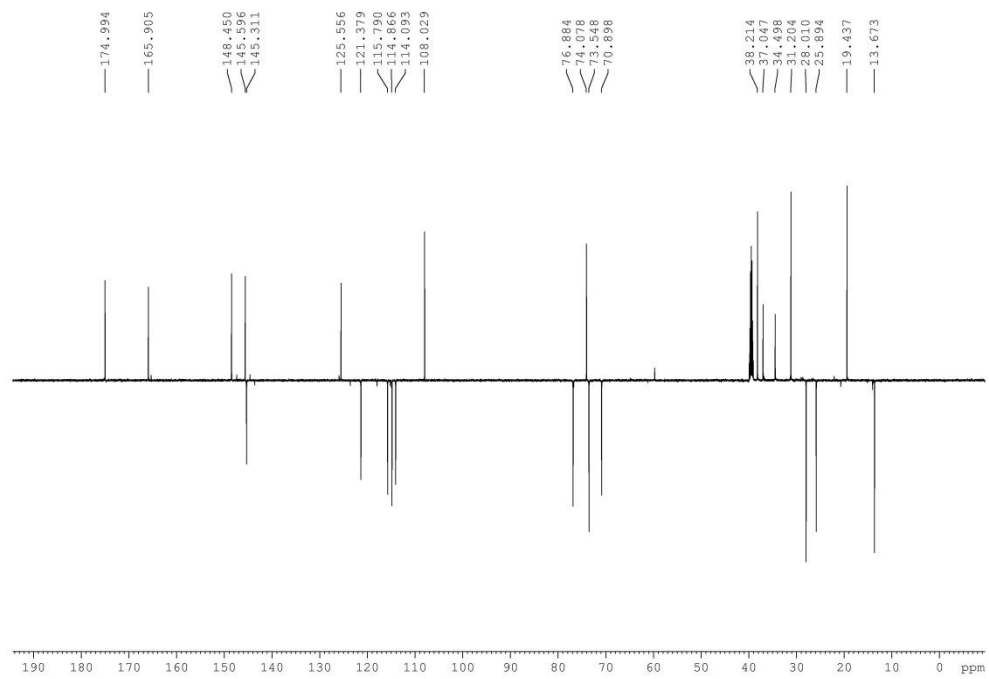
^1H NMR of compound **3a**



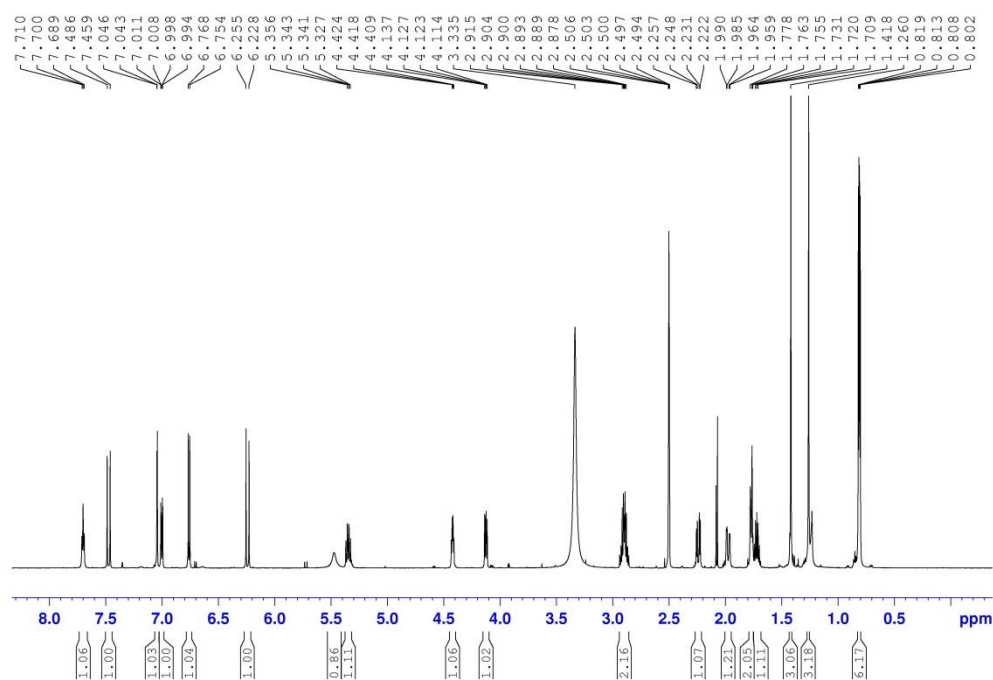
^{13}C NMR of compound **3a**



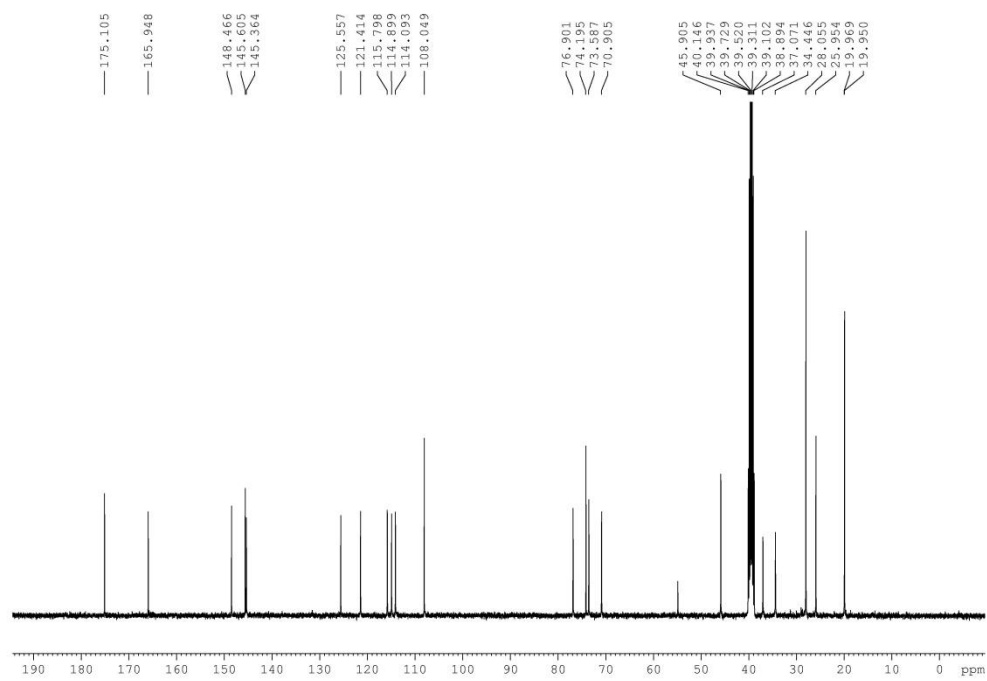
¹H NMR of compound 3b



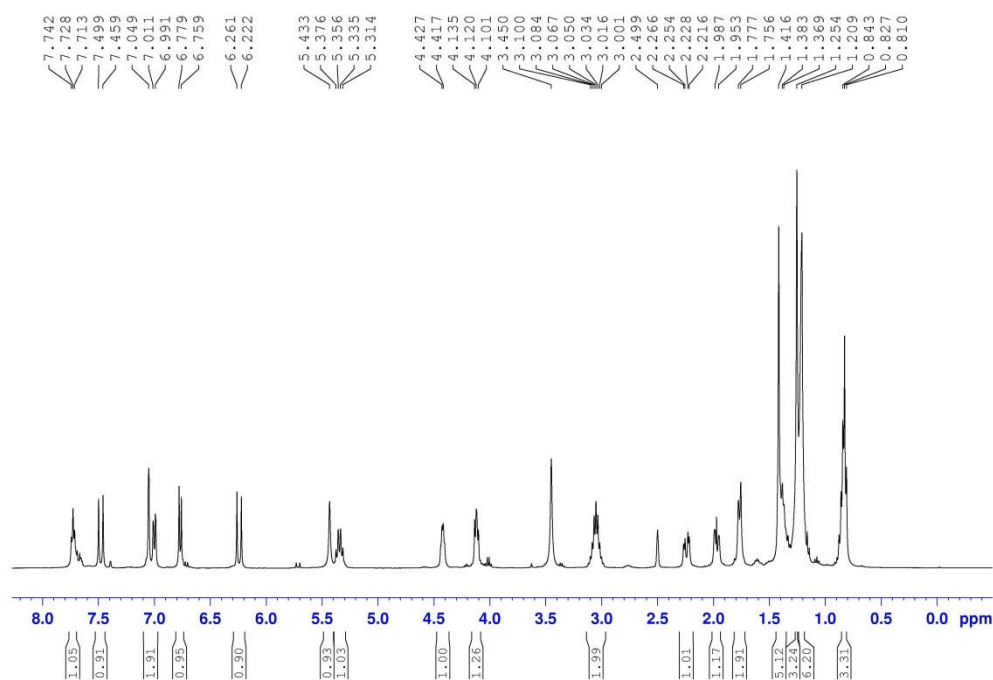
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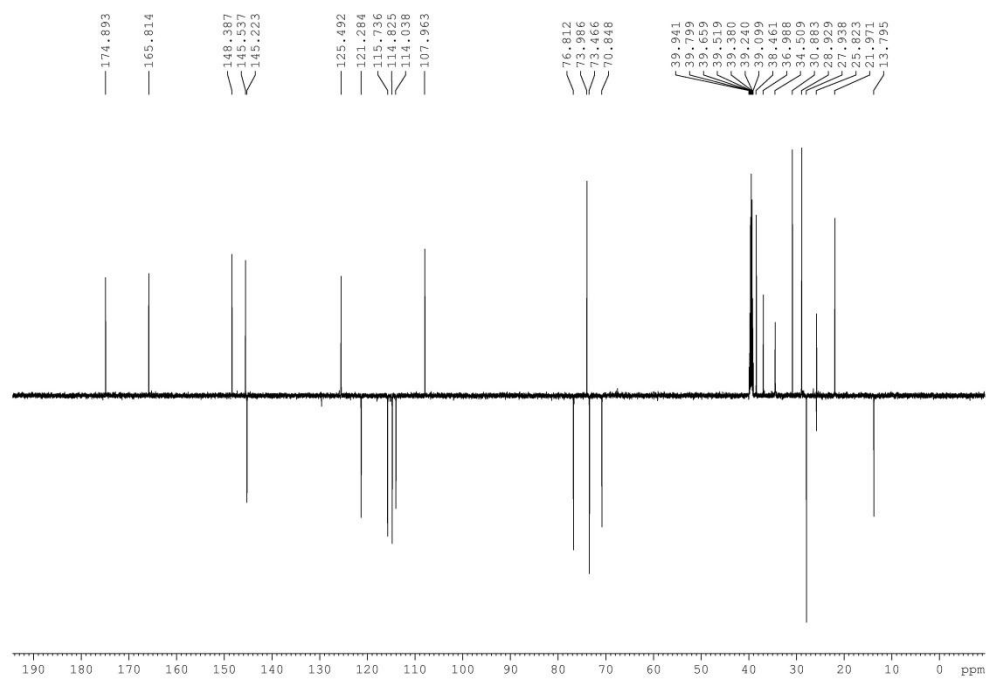
¹H NMR of compound 3c



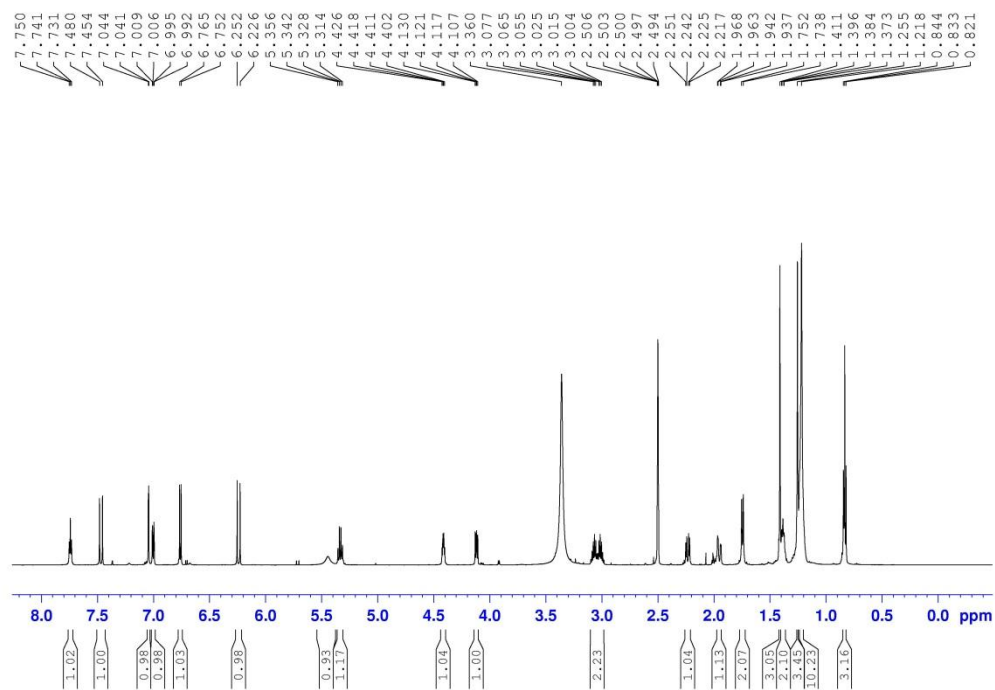
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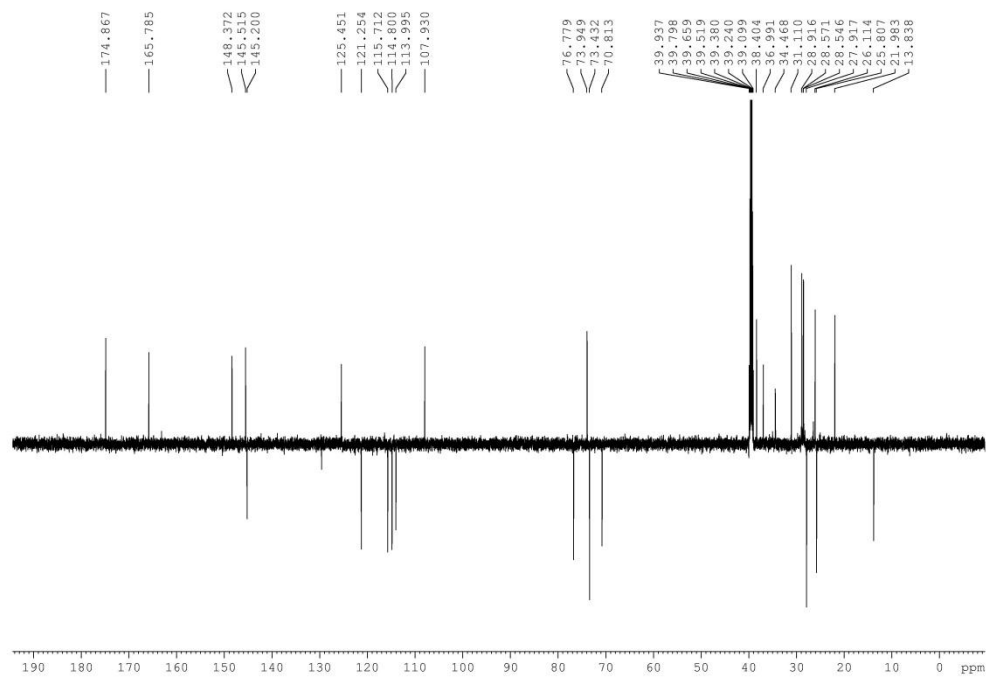
^1H NMR of compound **3d**



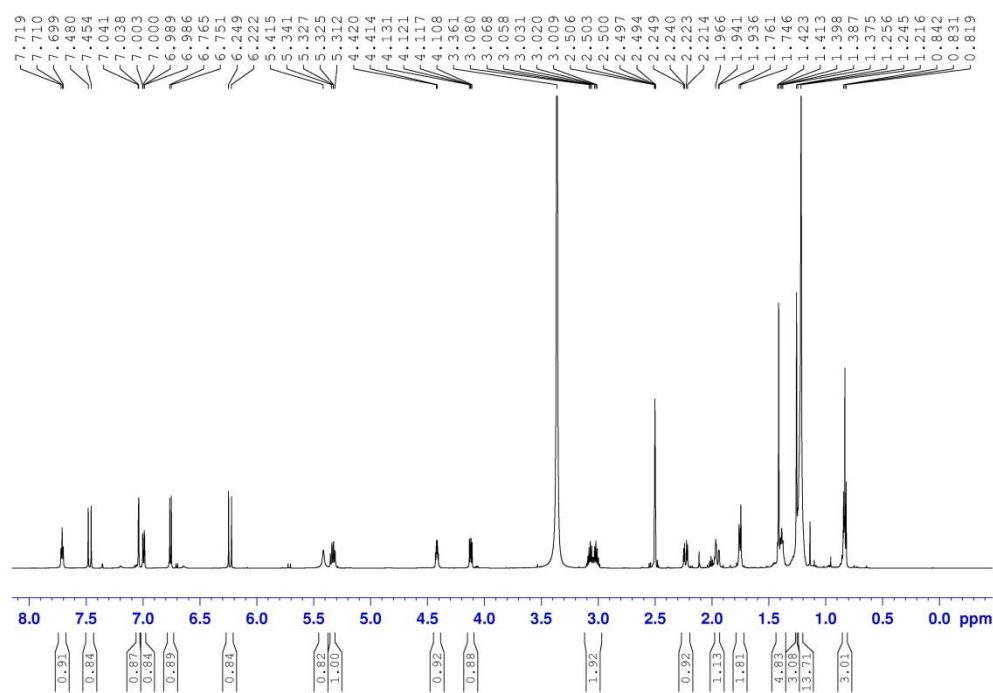
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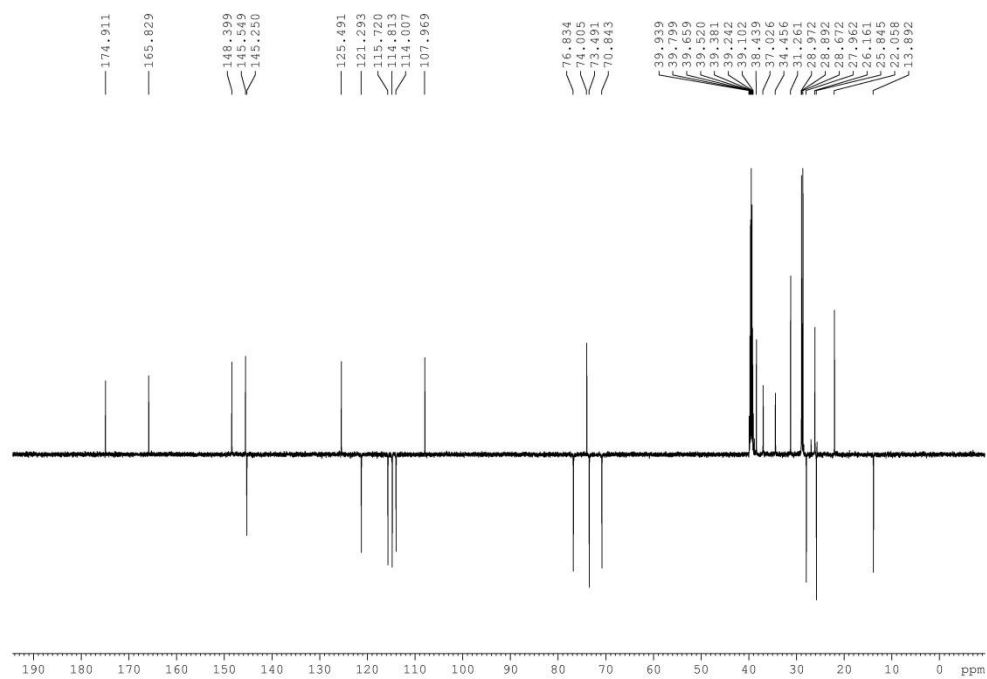
^1H NMR of compound **3e**



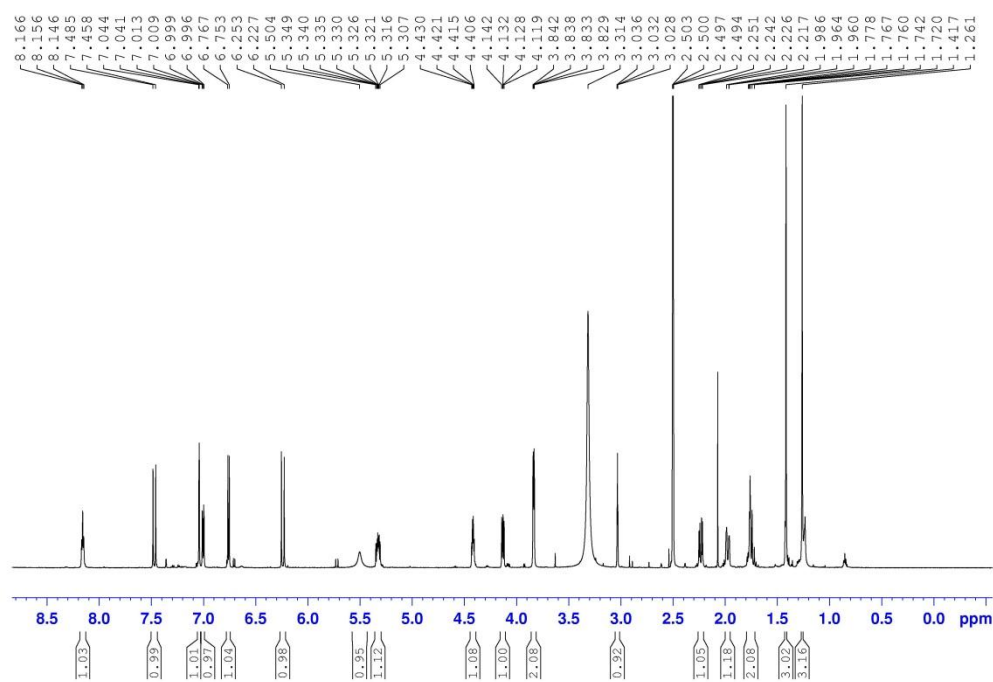
^{13}C NMR of compound **3e**



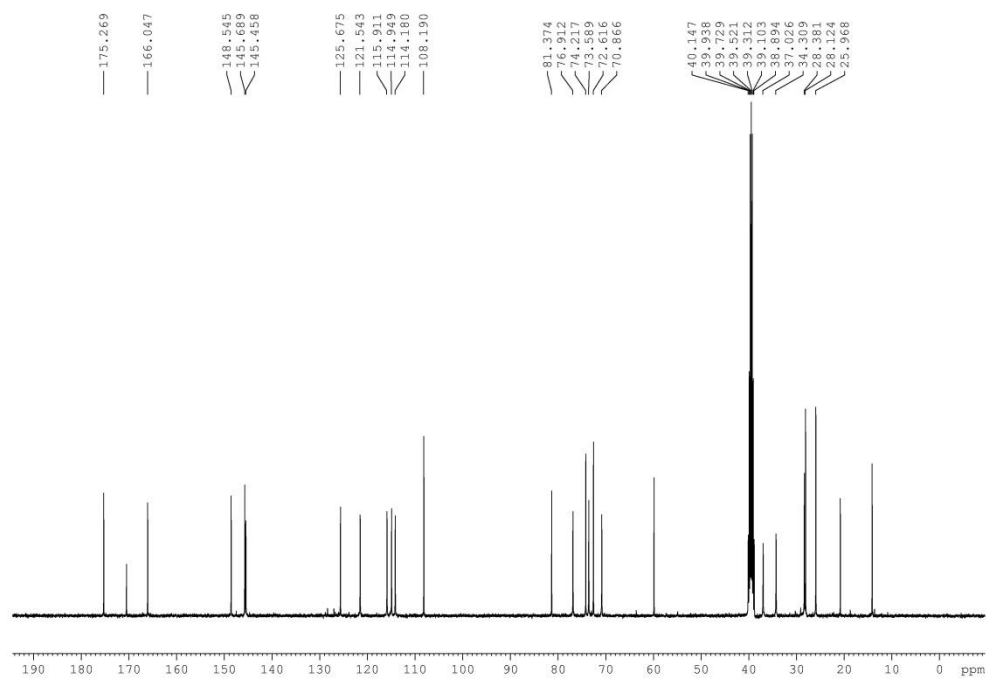
^1H NMR of compound **3f**



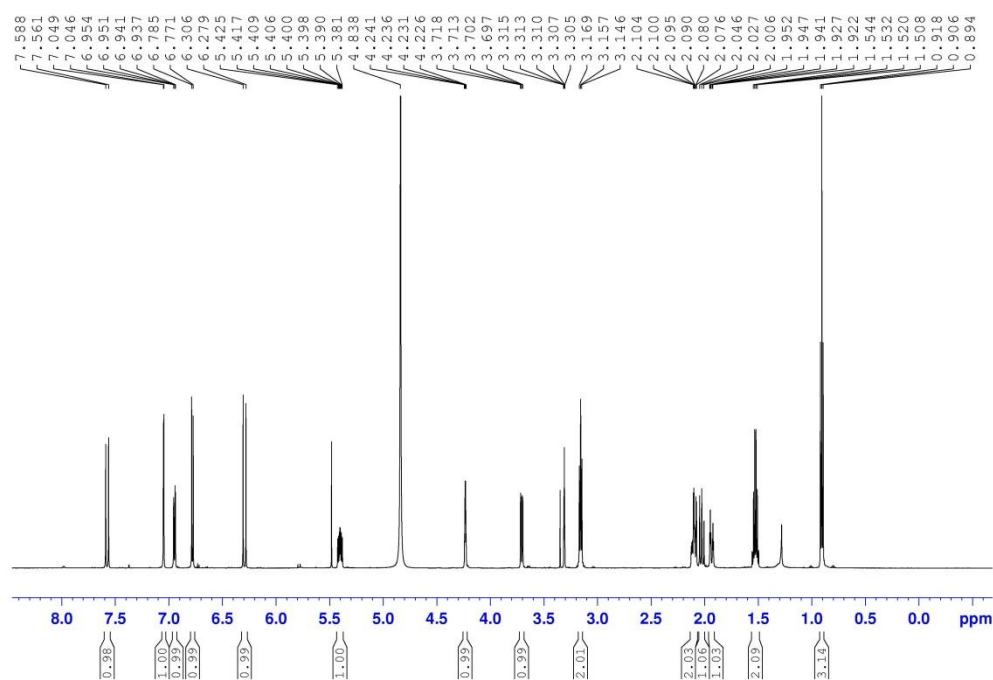
^{13}C NMR of compound **3f**



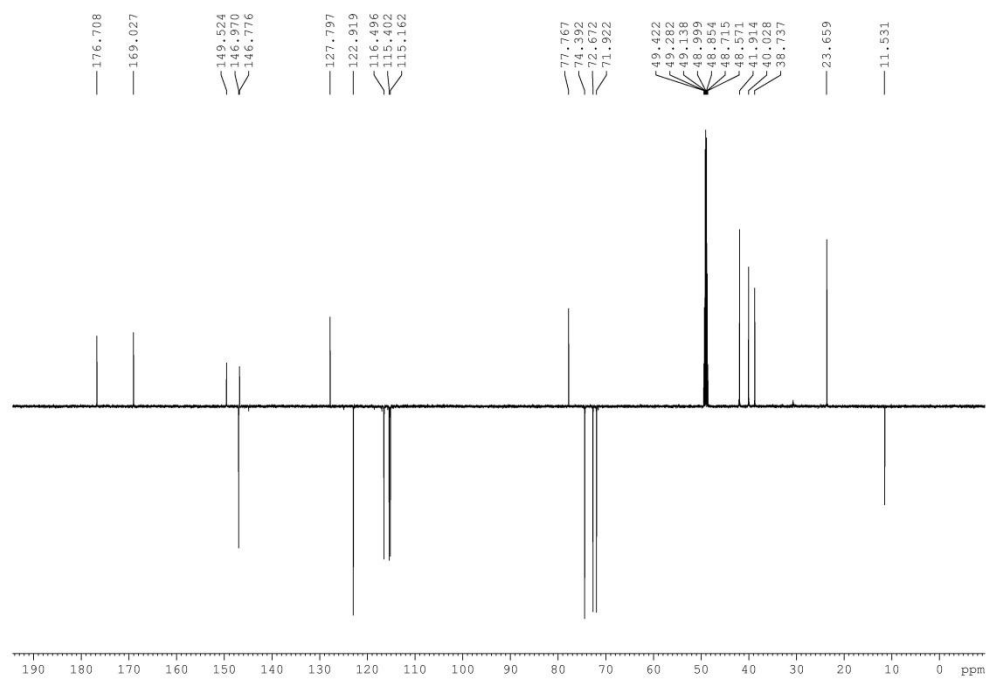
^1H NMR of compound **3g**



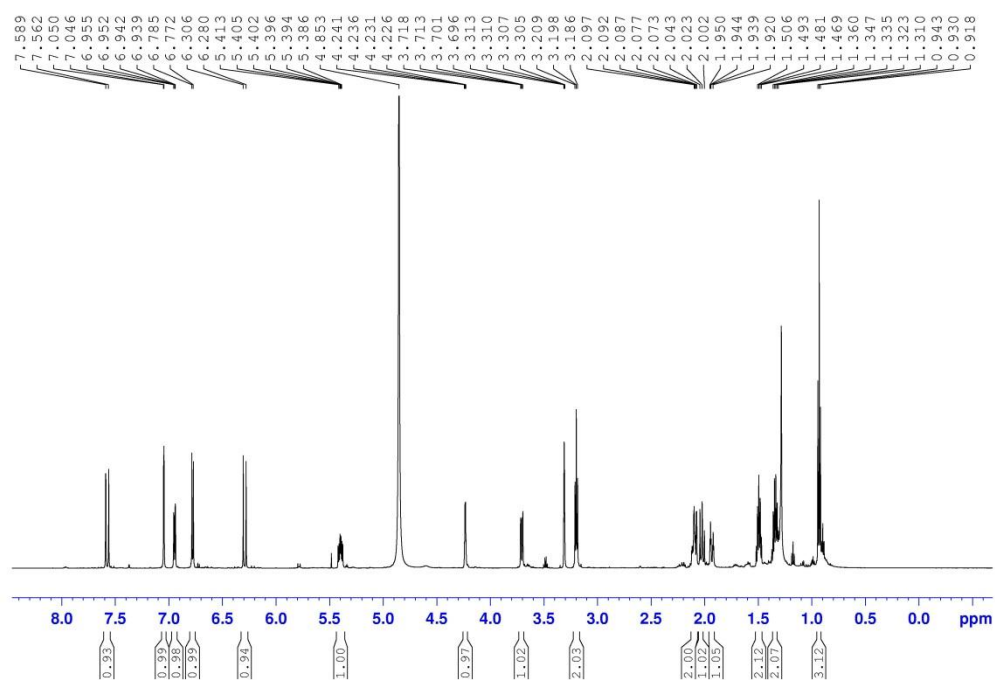
^{13}C NMR of compound **3g**



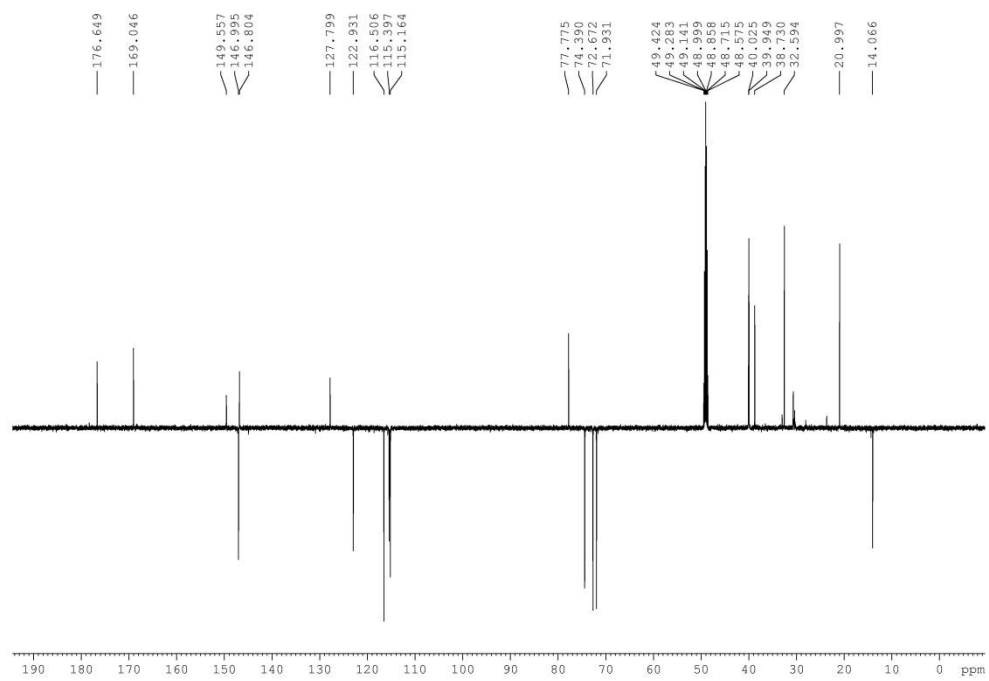
¹H NMR of compound **4a**



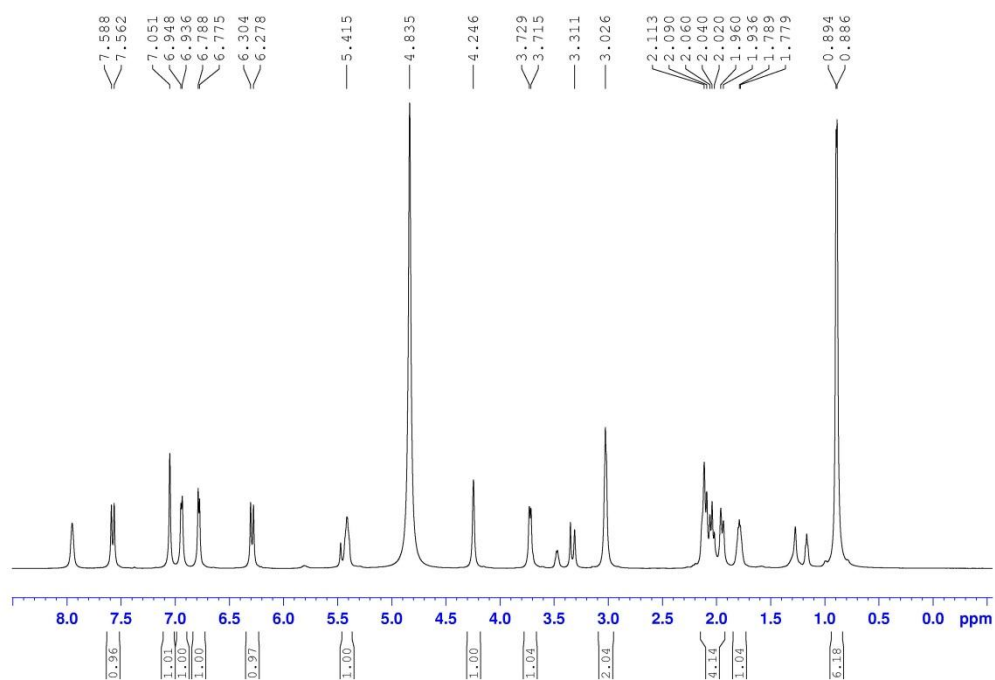
¹³C NMR of compound **4a**



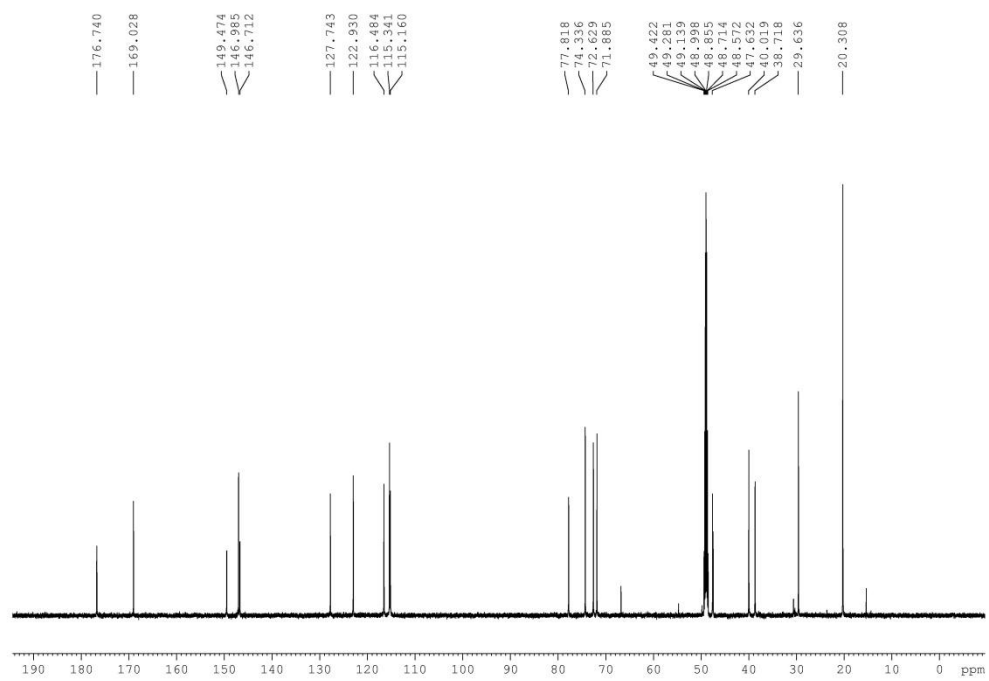
^1H NMR of compound **4b**



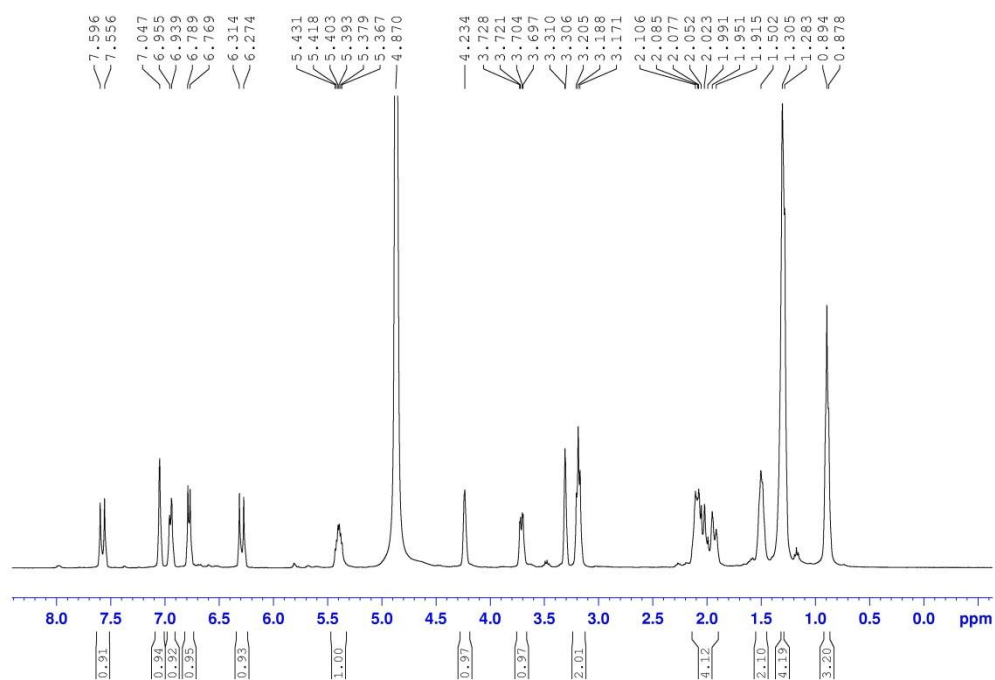
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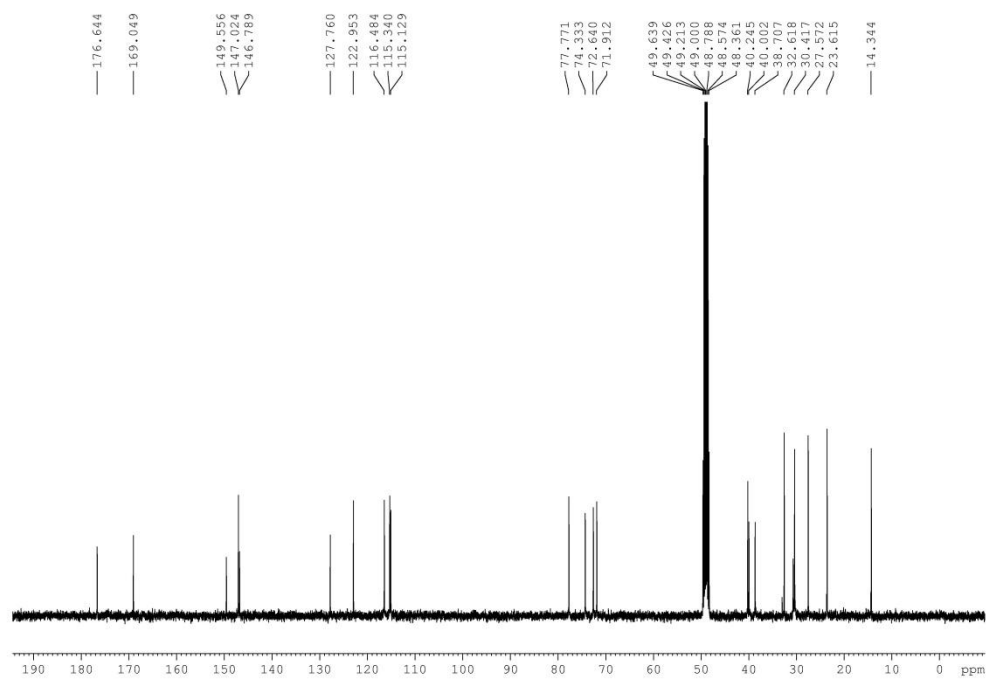
^1H NMR of compound **4c**



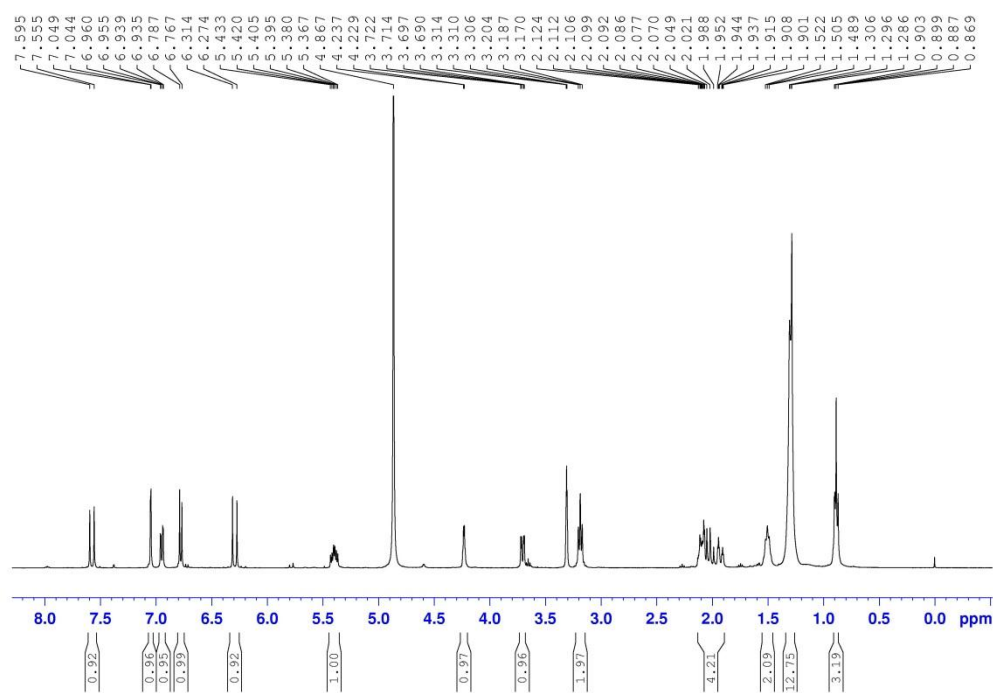
^{13}C NMR of compound **4c**



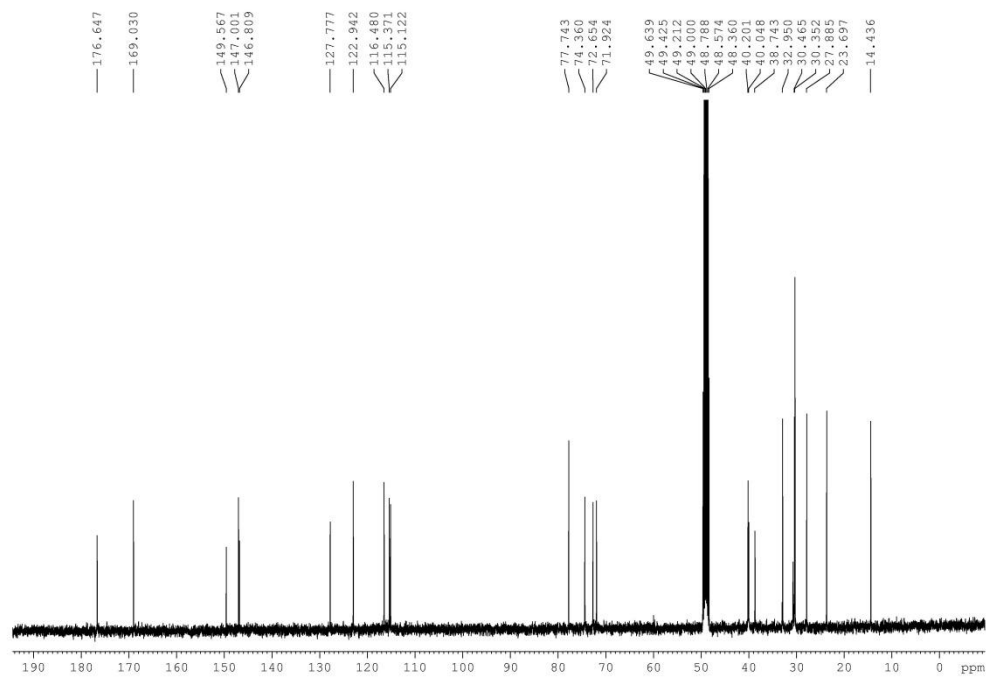
^1H NMR of compound **4d**



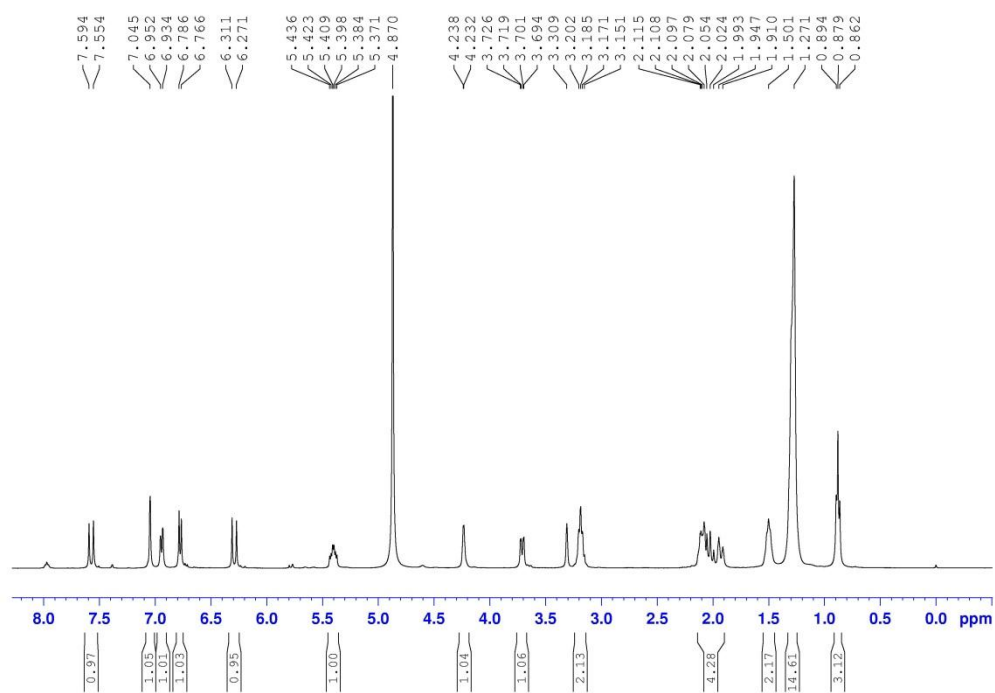
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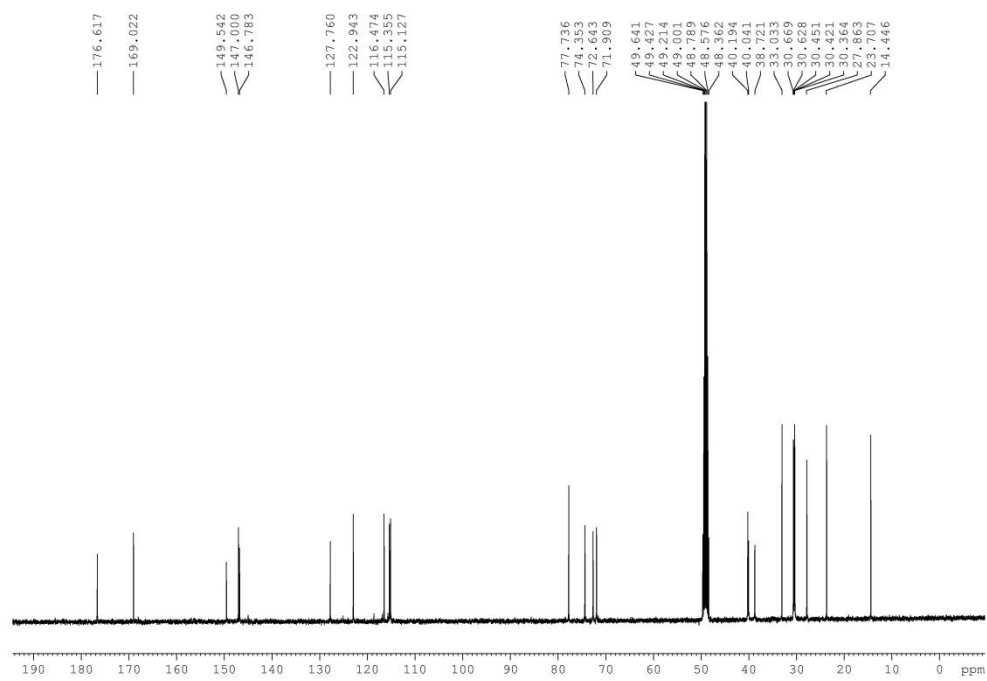
^1H NMR of compound **4e**



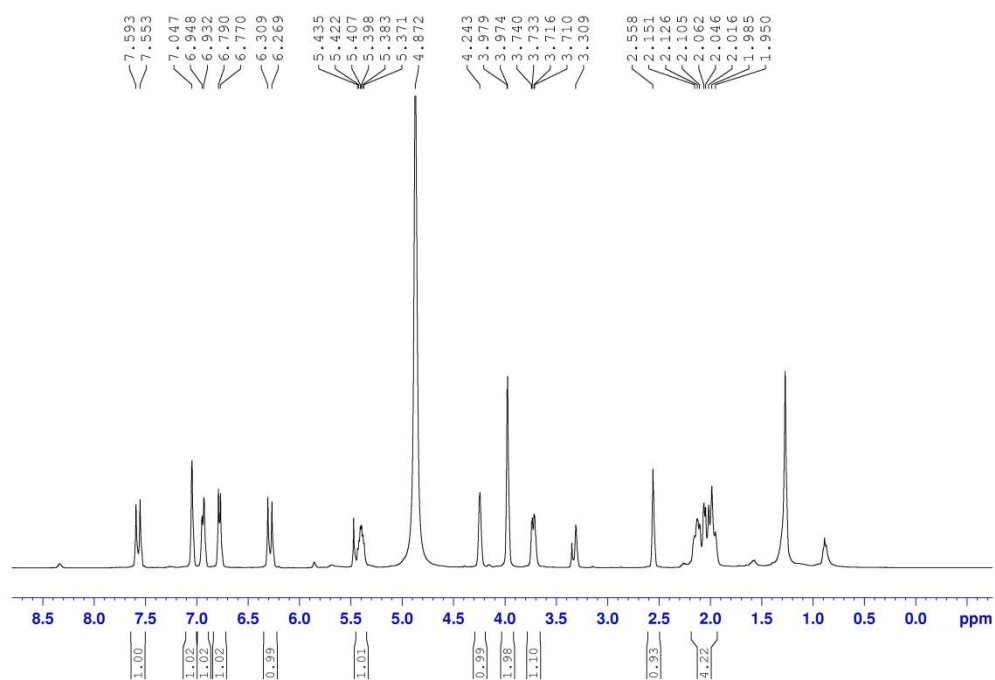
^{13}C NMR of compound **4e**



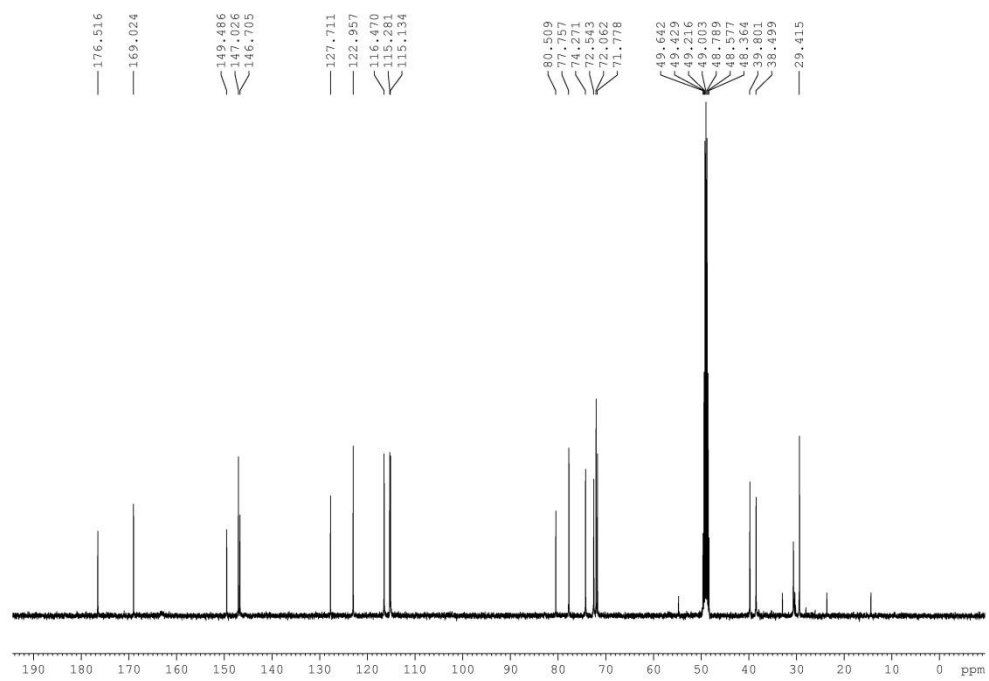
¹H NMR of compound **4f**



¹³C NMR of compound **4f**

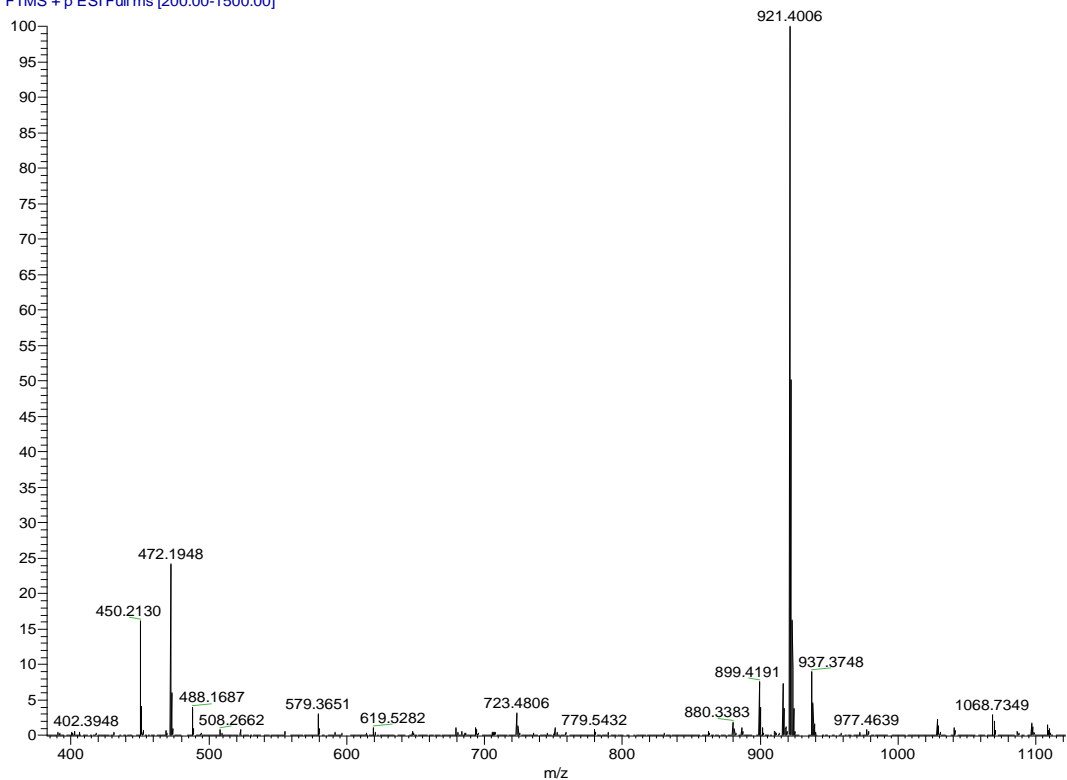


^1H NMR of compound **4g**



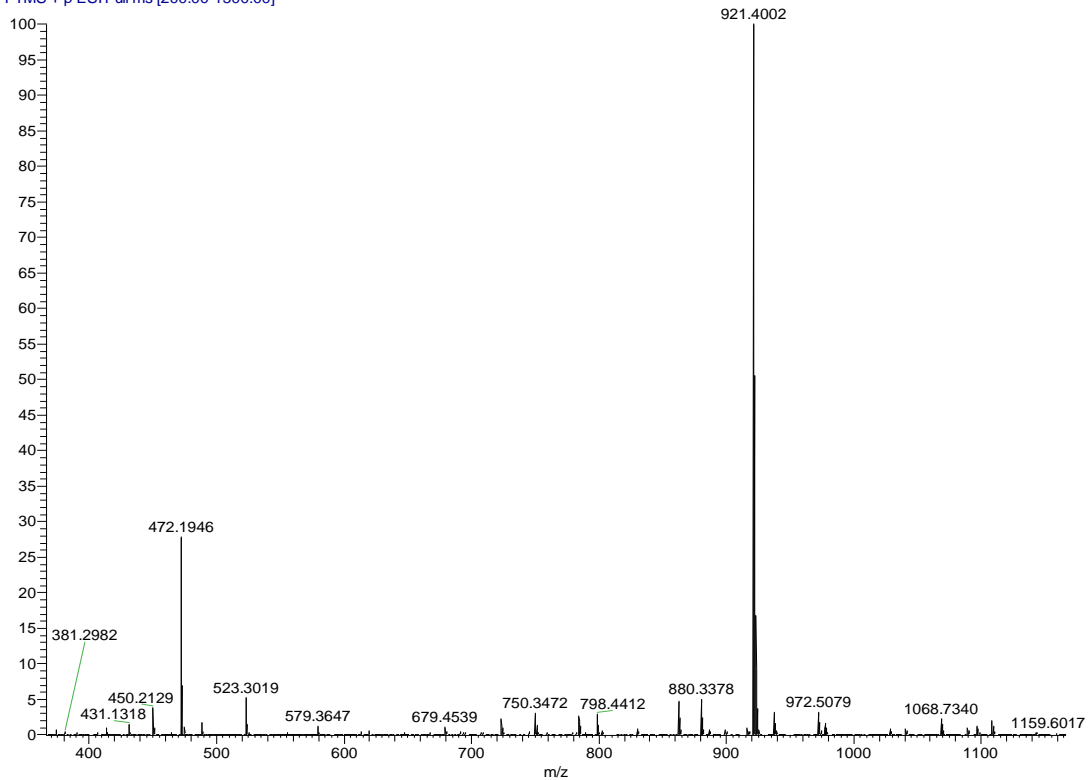
^{13}C NMR of compound **4g**

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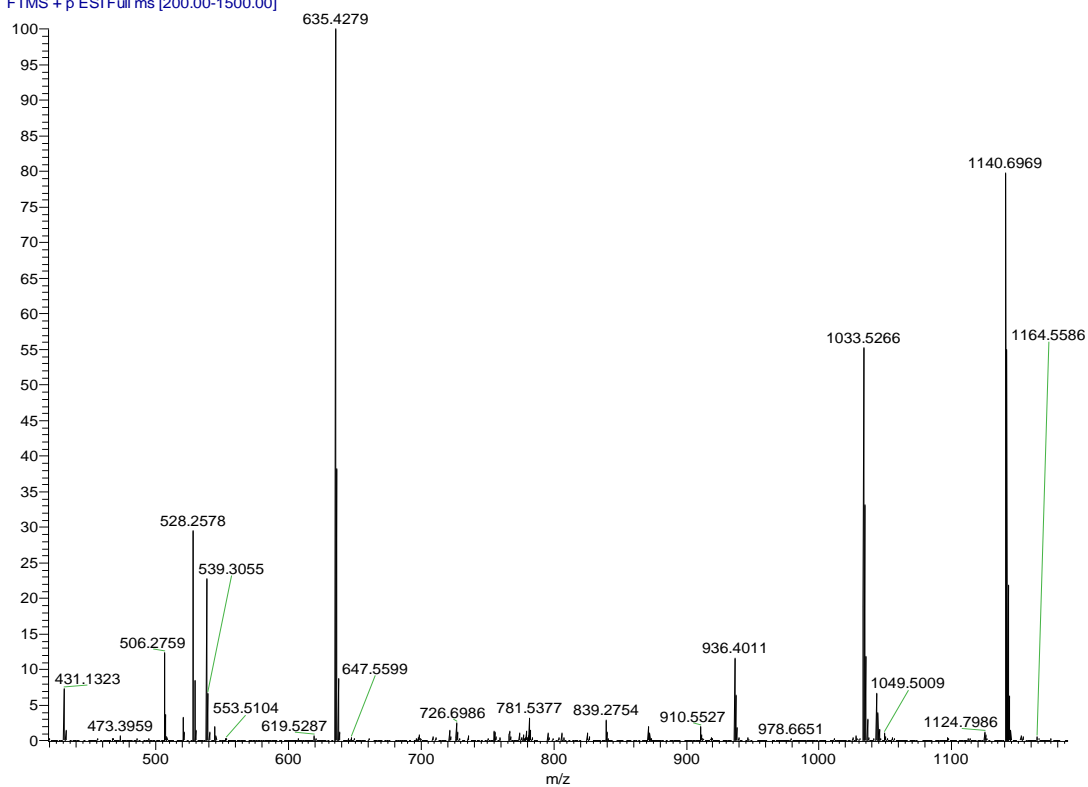
HRMS of compound 3a

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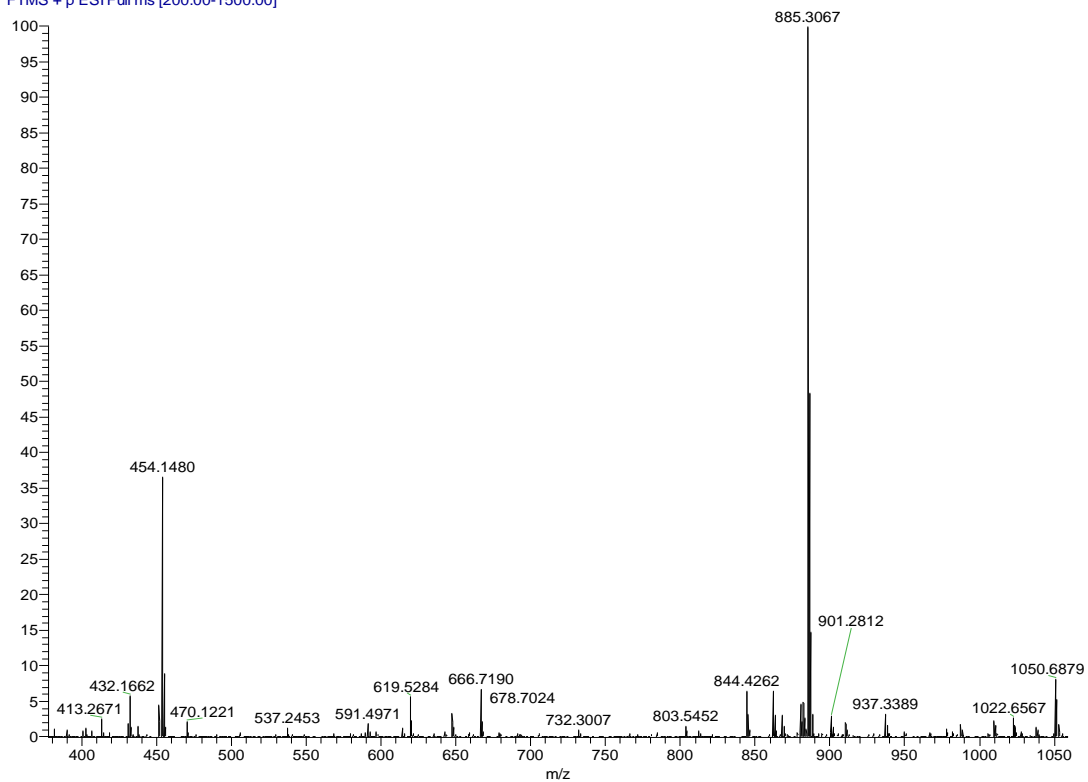
HRMS of compound 3b

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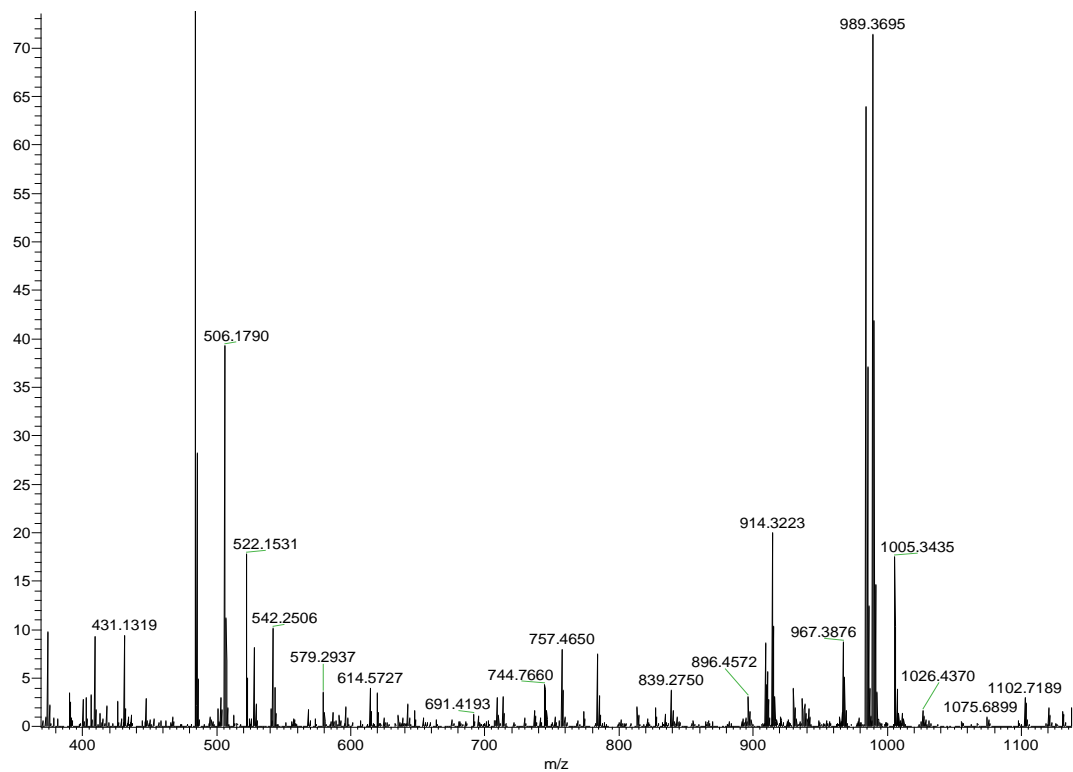
HRMS of compound **3c**

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T: FTMS + p ESI Full ms [200.00-1500.00]



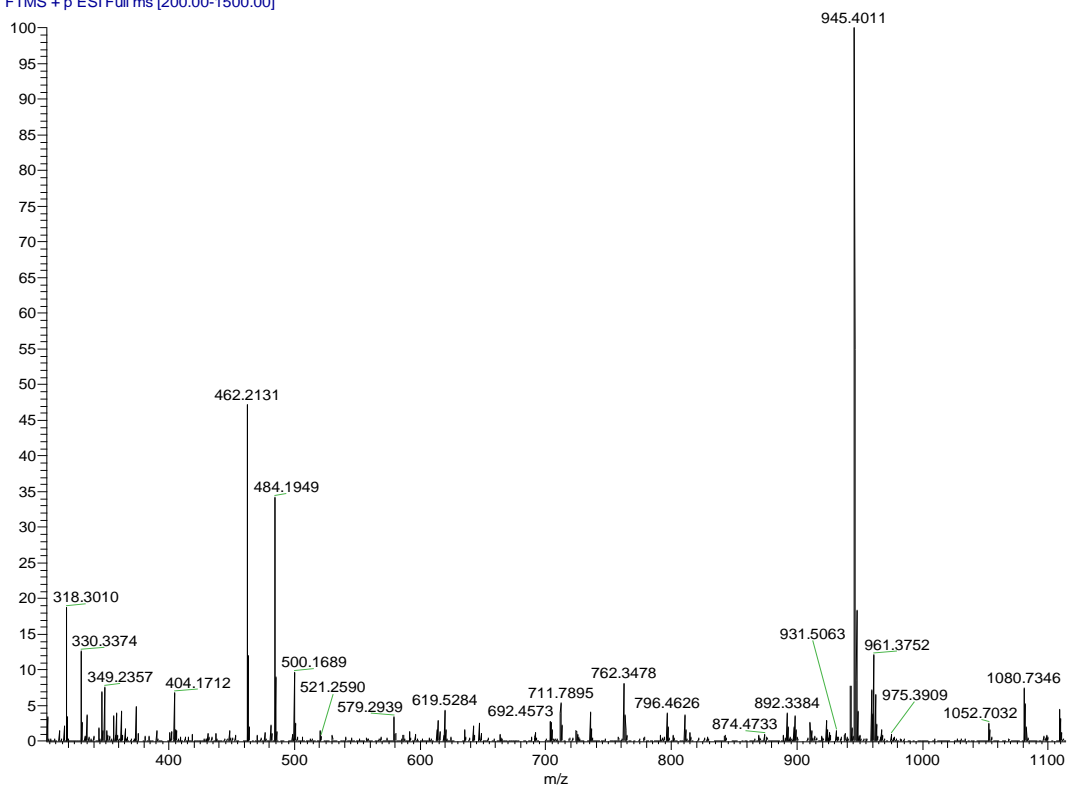
HRMS of compound **3d**

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T: FTMS + p ESI Full ms [200.00-1500.00]



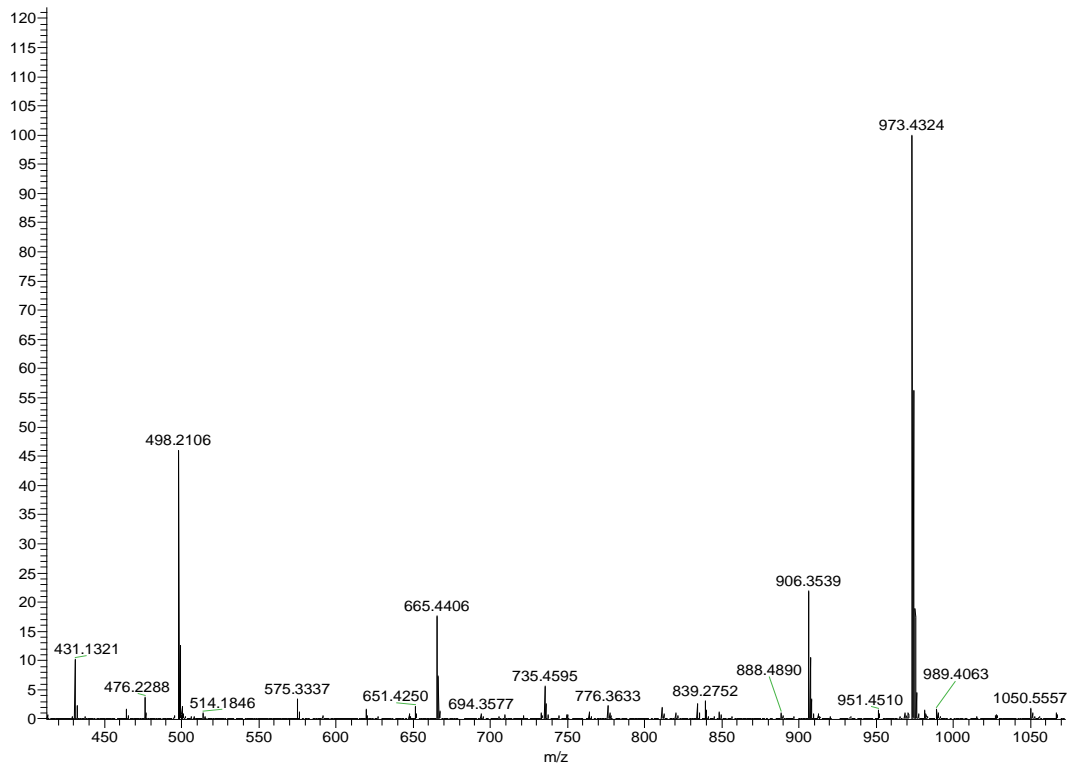
HRMS of compound 3e

HC-BM-9-fms_140709091138 #1 RT: 0.01 AV: 1 NL: 1.39E8
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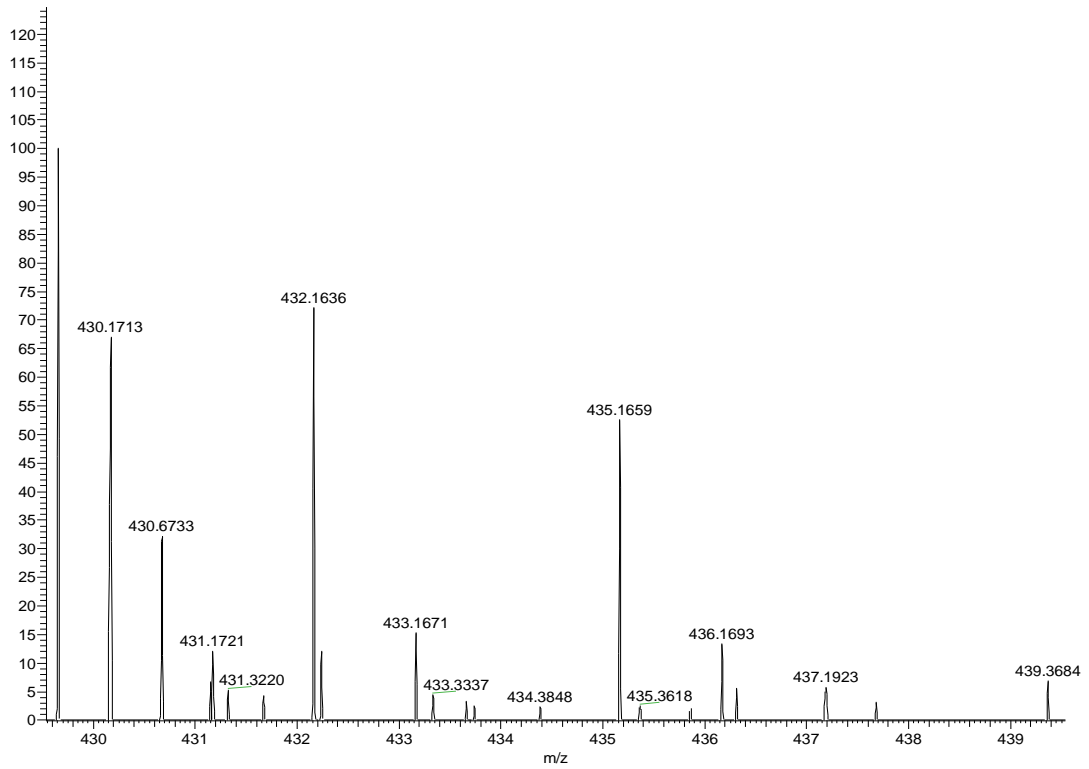
HRMS of compound 3f

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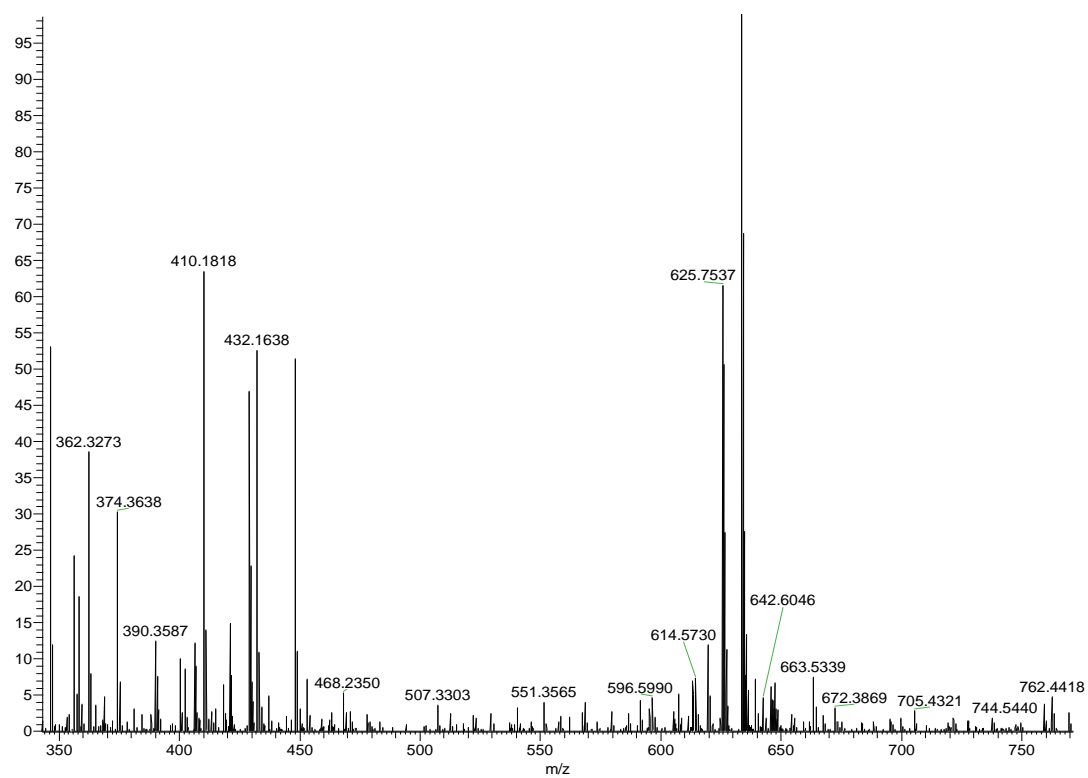
HRMS of compound 3g

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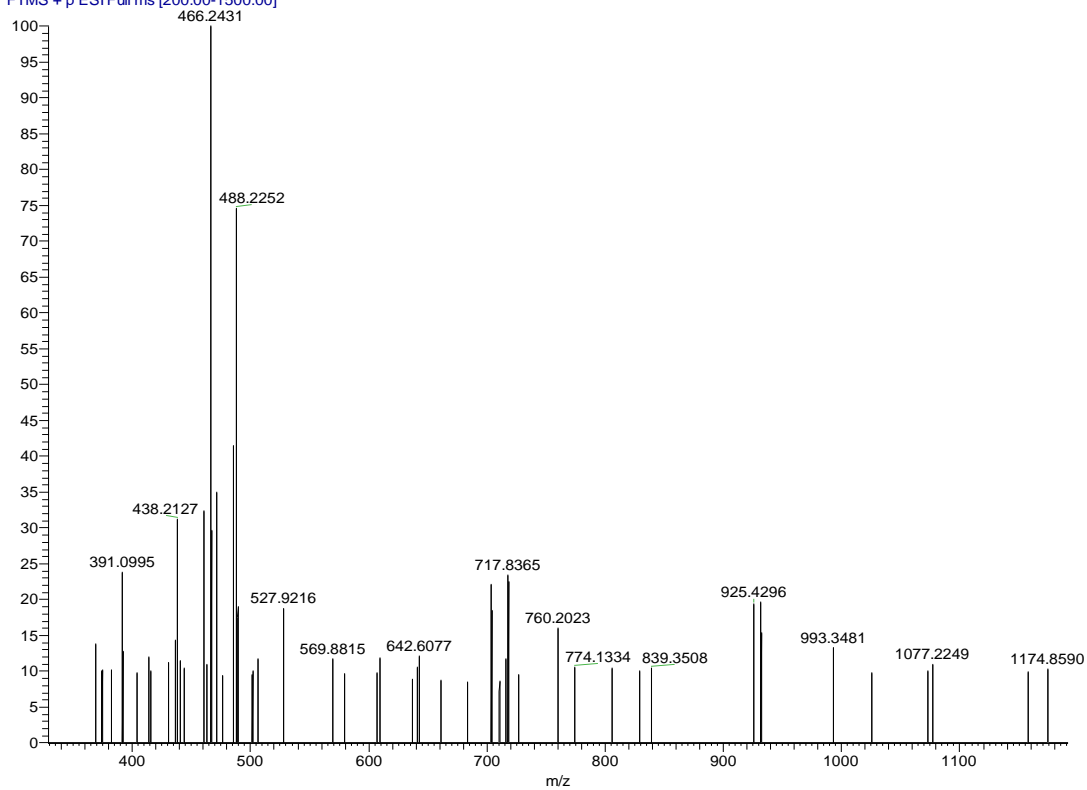
HRMS of compound 4a

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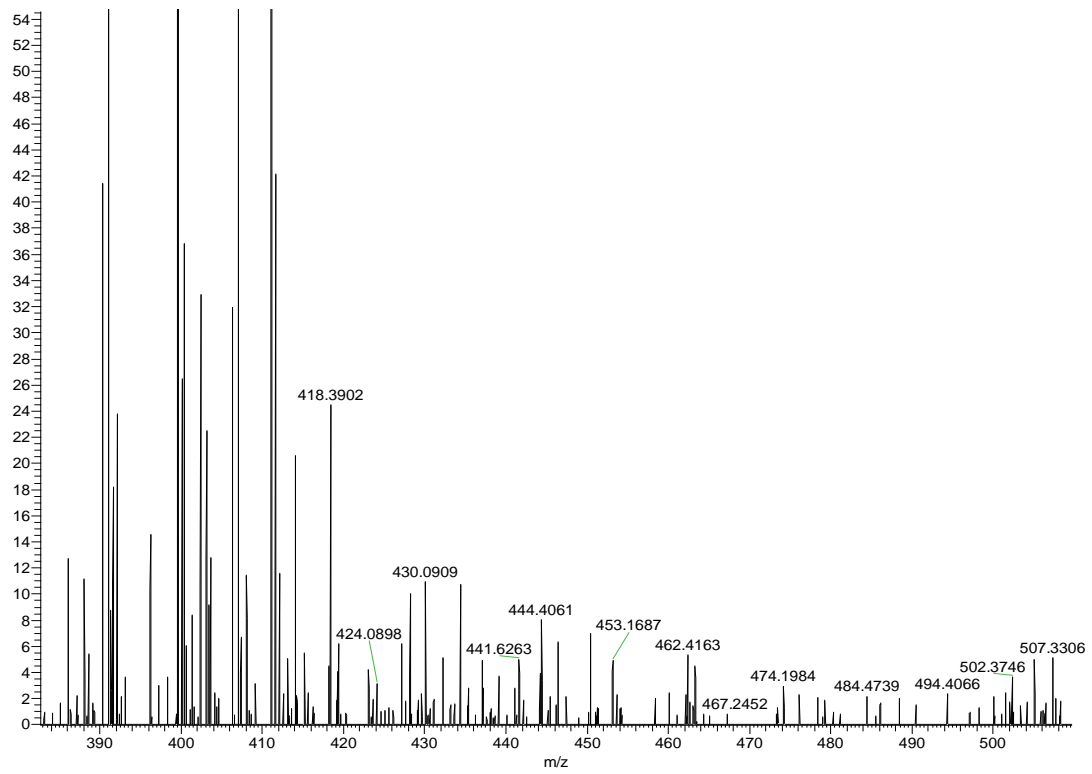
HRMS of compound 4b

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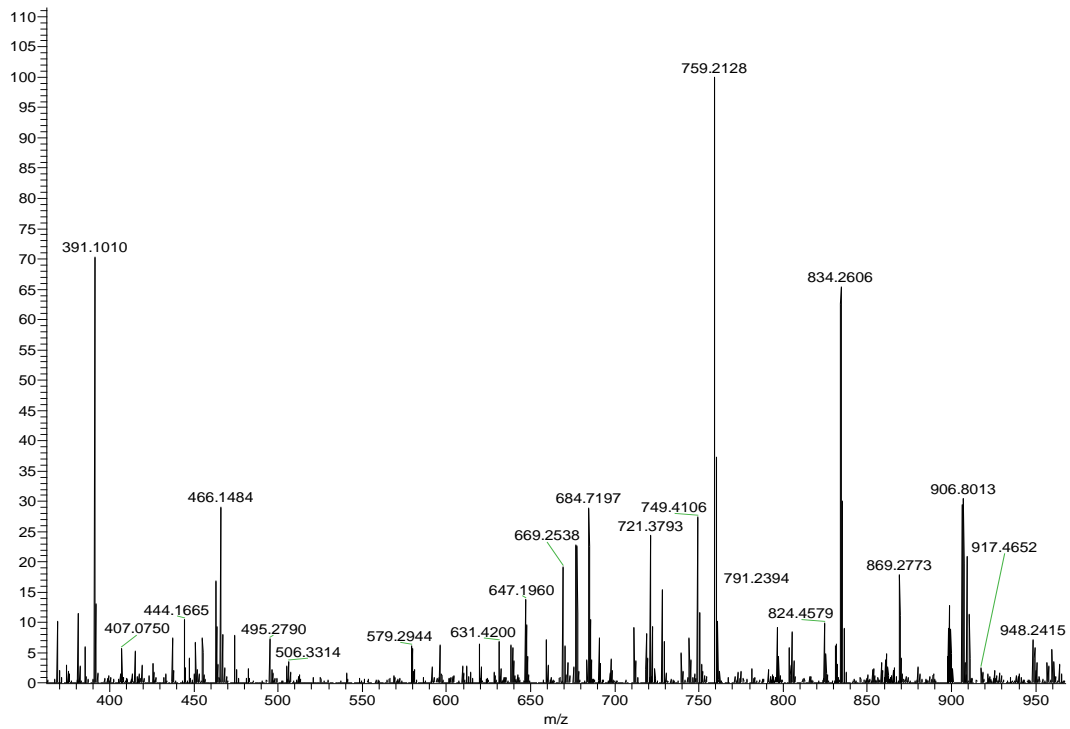
HRMS of compound 4c

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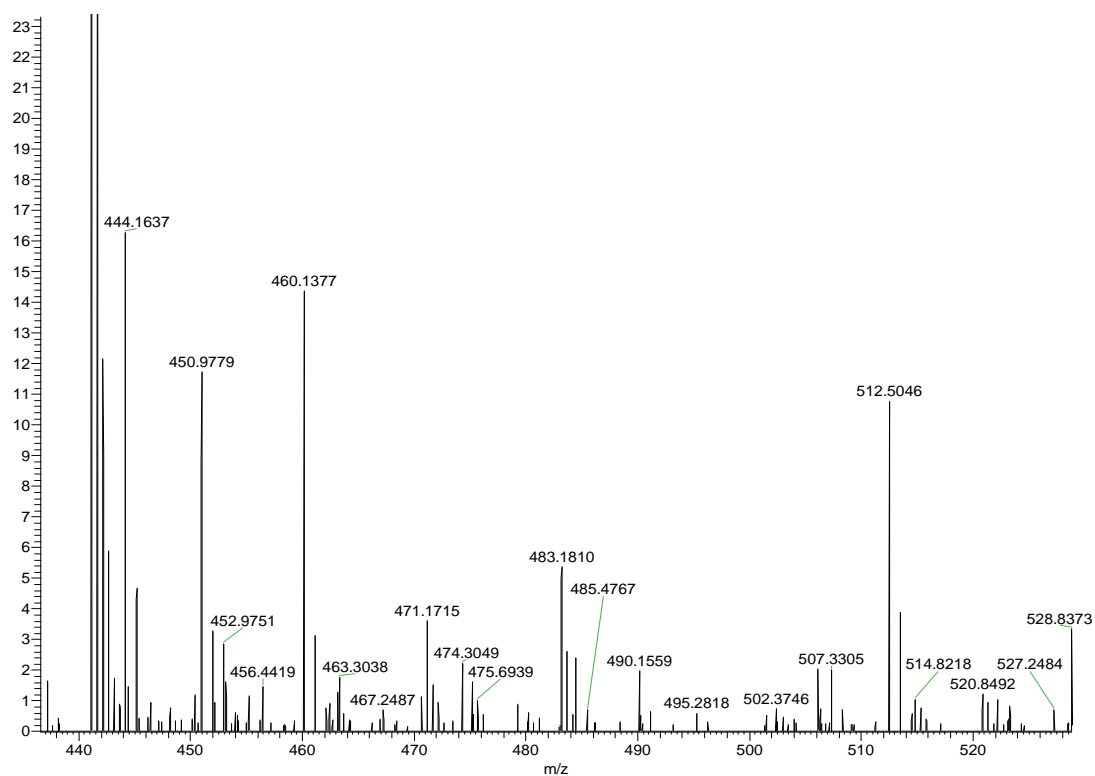
HRMS of compound **4d**

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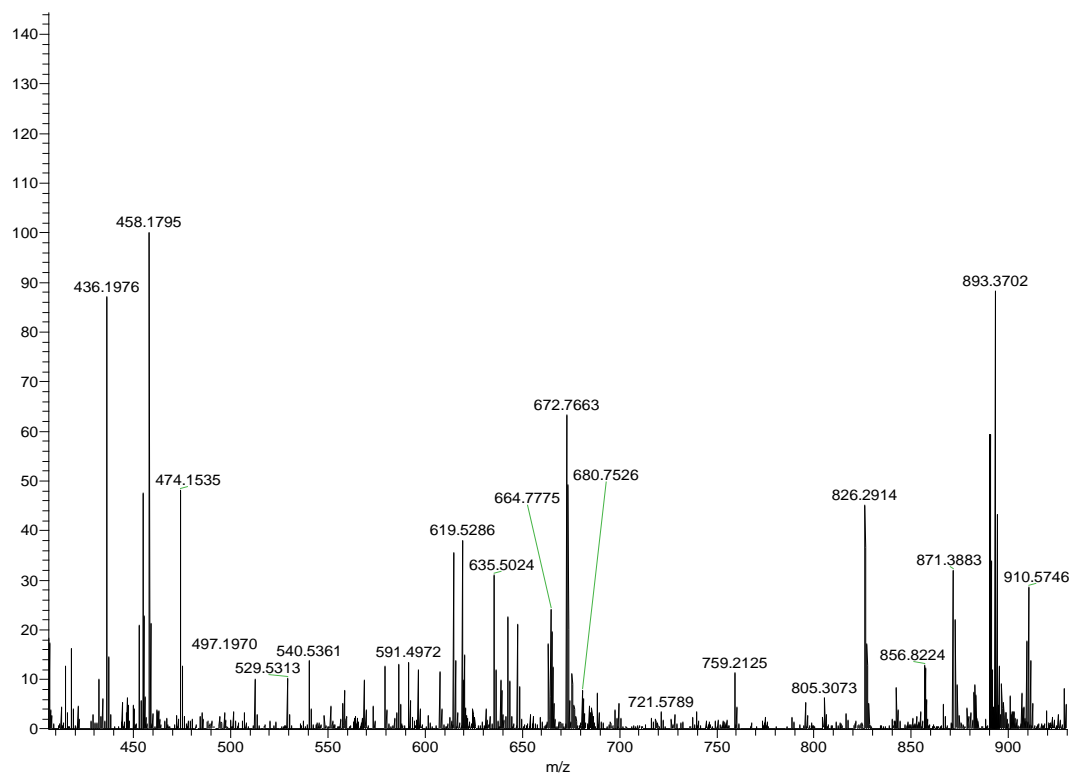
HRMS of compound **4e**

HC-B-9-ftms_140709091138 #1 RT: 0.01 AV: 1 NL: 3.34E7
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HRMS of compound 4f

HC-B-5-ftms_140709091138 #1 RT: 0.01 AV: 1 NL: 1.38E7
T: FTMS + p ESI Full ms [200.00-1500.00]



HRMS of compound 4g