



Supplementary data

Synthesis, computational studies, and anti-tuberculosis activity of benzoxazines that acts as RAGE inhibitors

Hanumantharayappa Bharathkumar¹, Surender Mohan², SeferBaday^{3,4}, Peter E. Lobie^{5,6,7,*} and Basappa Basappa^{2,*}

¹ Department of Chemistry, Bangalore University, Jnana Bharathi Campus, Bangalore 560056, Karnataka, India

² Laboratory of Chemical Biology, Department of Studies in Organic Chemistry, University of Mysore, Manasagangotri, Mysore 570006, Karnataka, India;

³ Applied Informatics Department, Informatics Institute, Istanbul Technical University, AyazagaYerleskesi, Maslak, Istanbul 34469, Turkey

⁴ Centre for Molecular Informatics, Department of Chemistry, University of Cambridge, Lensfield Road, Cambridge CB2 1TN, UK

⁵ Tsinghua Berkeley Shenzhen Institute, Tsinghua Shenzhen International Graduate School, Tsinghua University, Shenzhen 518055, China

⁶ Institute of Biopharmaceutical and Health Engineering, Tsinghua Shenzhen International Graduate School, Tsinghua University, Shenzhen 518055, China

⁷ Shenzhen Bay Laboratory, Shenzhen 518055, China

* Correspondence: pelobie@sz.tsinghua.edu.cn (P.E.L.); salundibasappa@gmail.com (B.B.)

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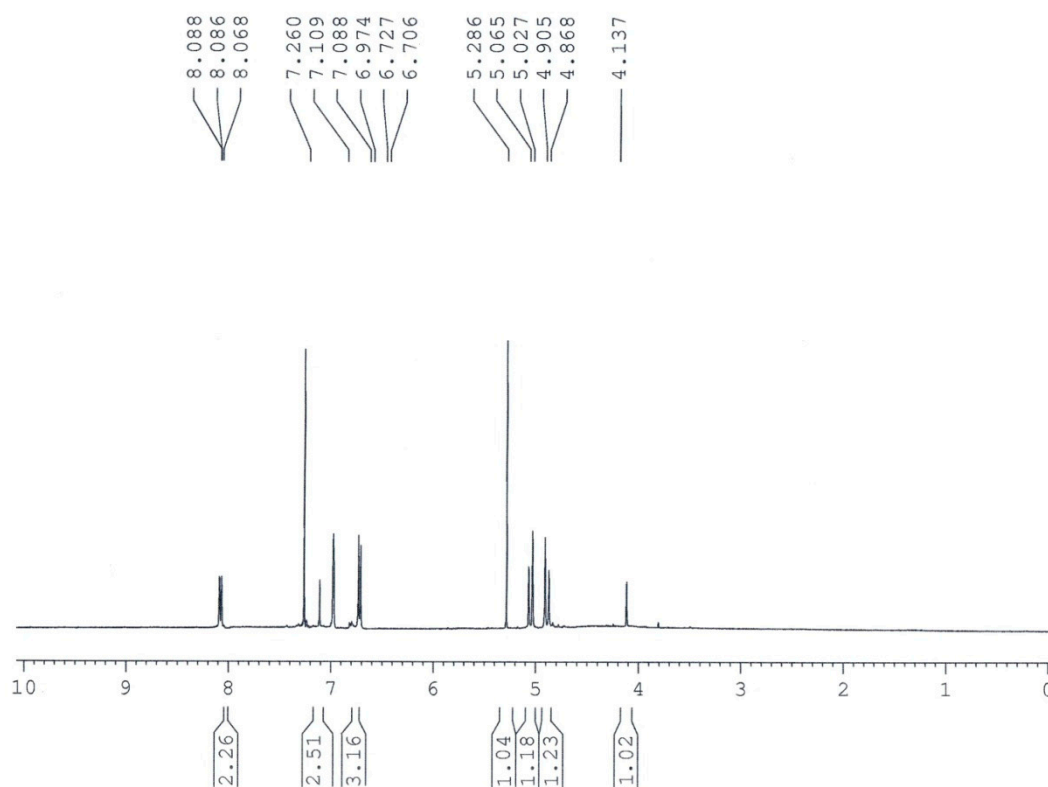
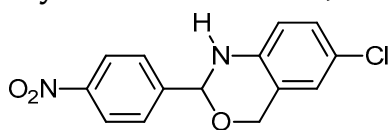
Figure S13: ESI-MS of compound 3h

Figure S14: ¹H NMR of compound 3i

Figure S15: ESI-MS of compound 3i

Figure S16: ¹H NMR of compound 3j

Figure S17: ESI-MS of compound 3j

3a. 6-chloro-2-(4-nitrophenyl)-2,4-dihydro-1H-benzo[d][1,3]oxazine:Figure S1: ¹H NMR of compound 3a.

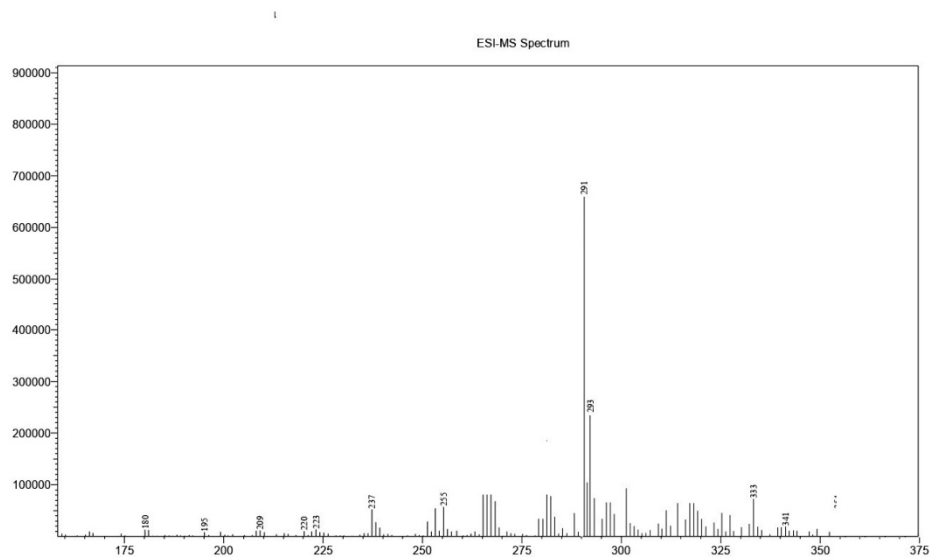
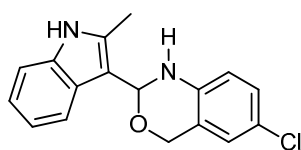
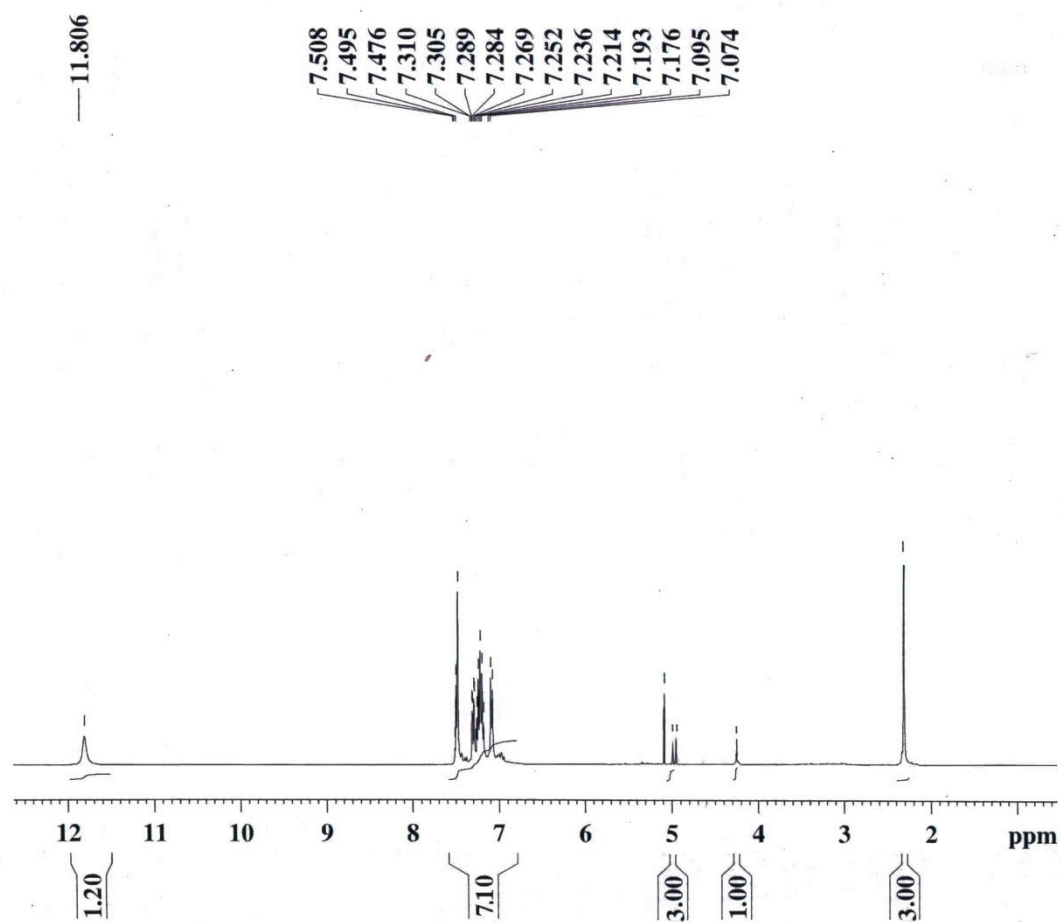


Figure S2: ESI-MS of compound 3a.

3b. 6-chloro-2-(2-methyl-1H-indol-3-yl)-2,4-dihydro-1H-benzo[d][1,3]oxazine:



Figure S3: ¹H NMR of compound 3b.

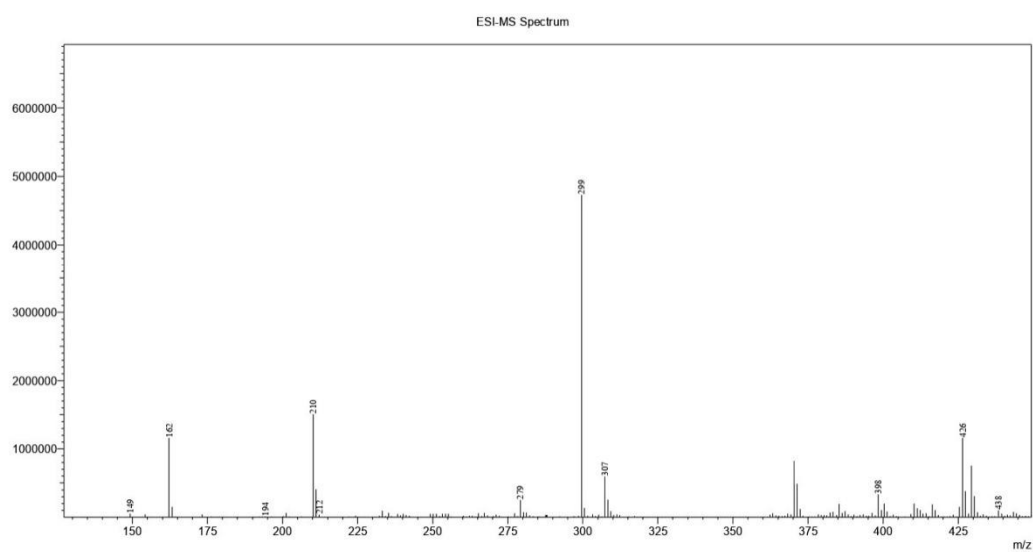


Figure S4: ESI-MS of compound 3b

3c. 2-(2,6-dichlorophenyl)-6-methyl-2,4-dihydro-1H-benzo[d][1,3]oxazine:

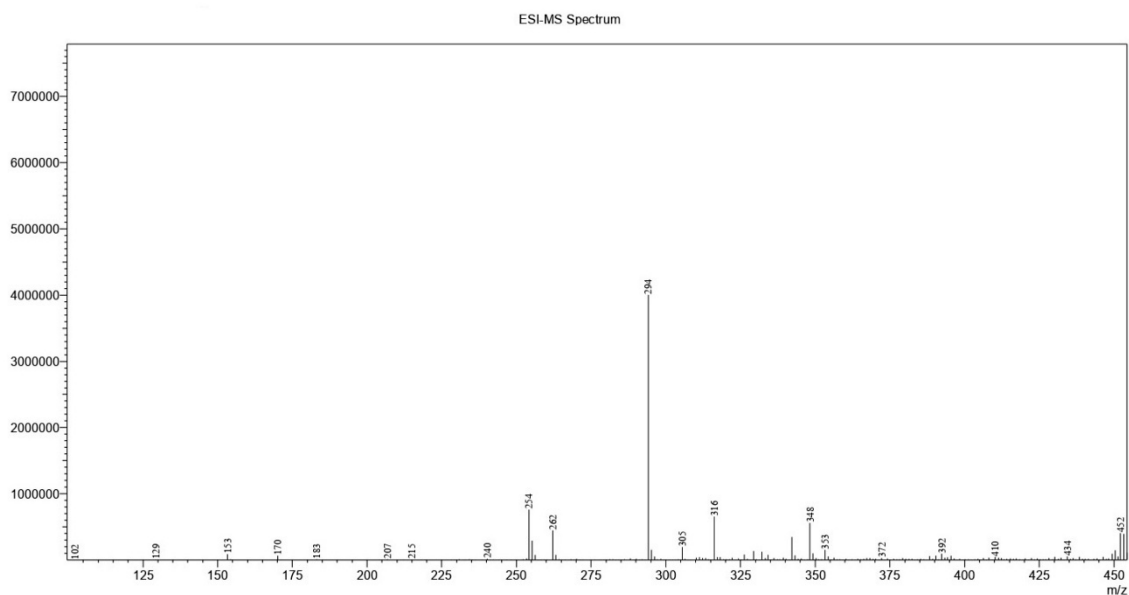
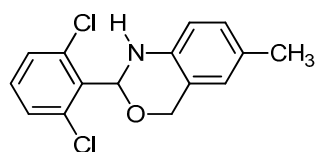
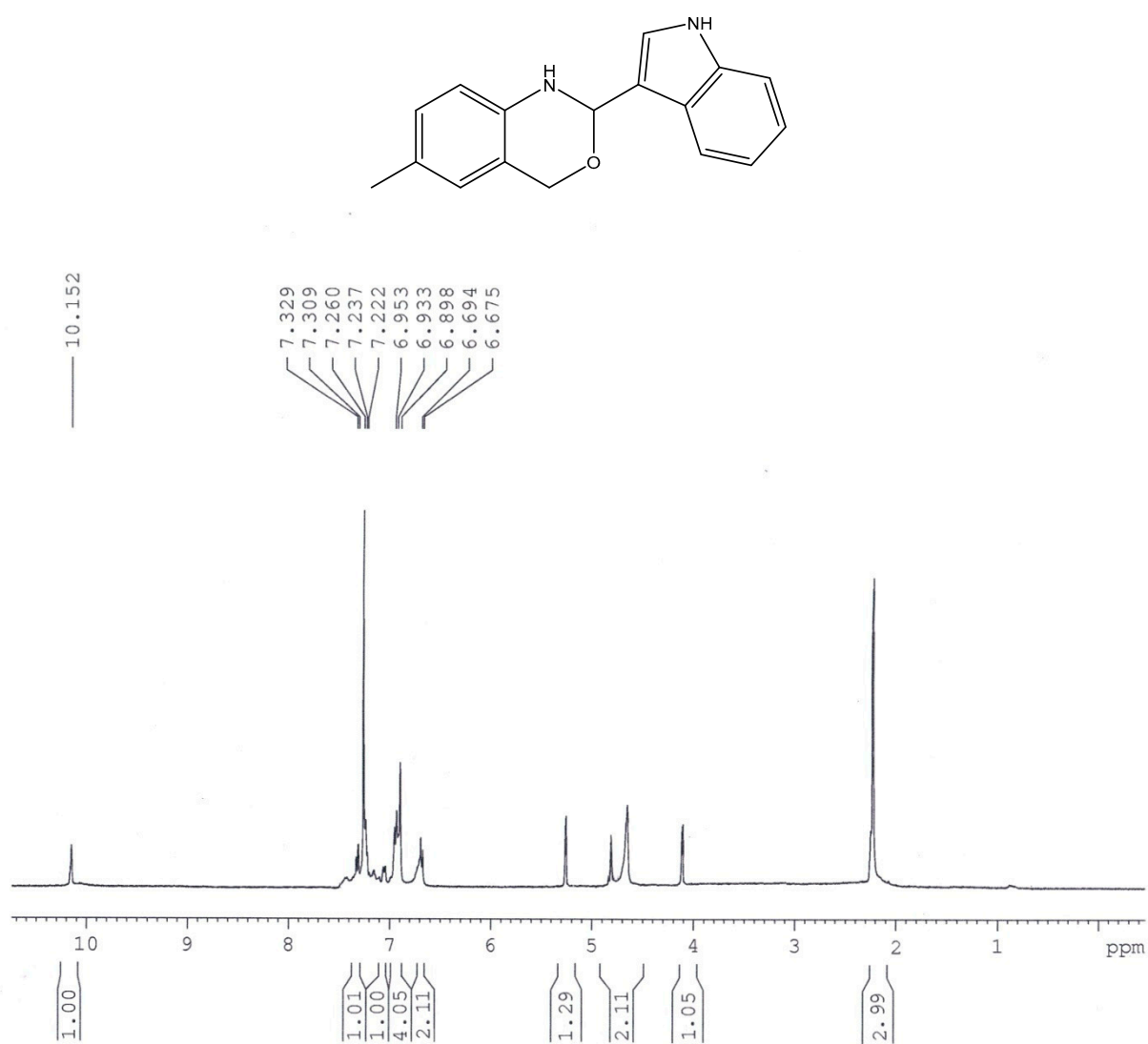


Figure S5: ESI-MS of compound 3c

3d. 2-(1H-indol-3-yl)-6-methyl-2,4-dihydro-1H-benzo[d][1,3]oxazine:

Figure S6: ¹H NMR of compound 3d.

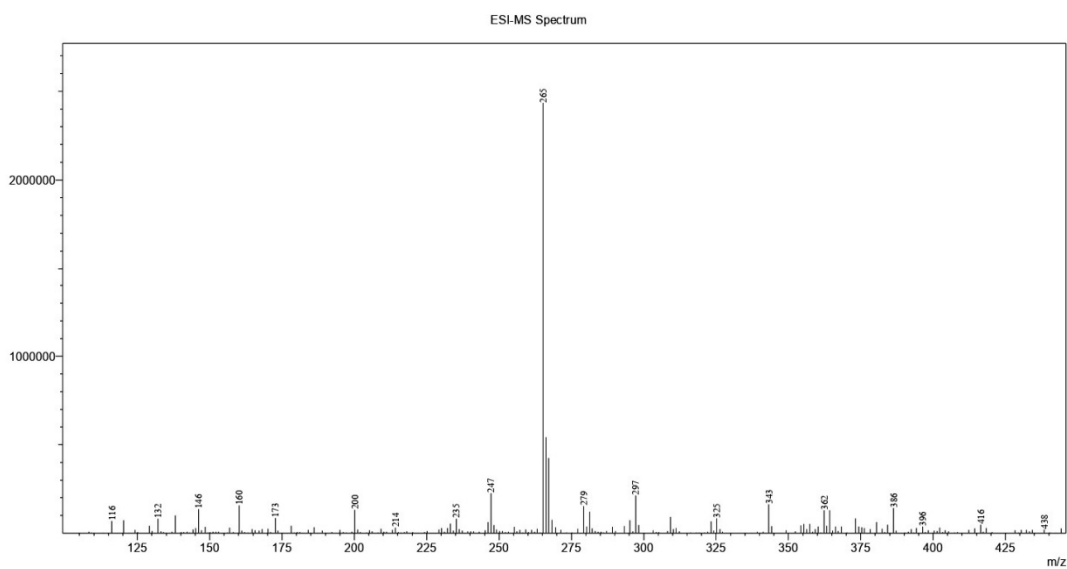


Figure S7: ESI-MS of compound 3d

3e. 6-methyl-2-(1-methyl-1H-imidazol-5-yl)-2,4-dihydro-1H-benzo[d][1,3]oxazine:

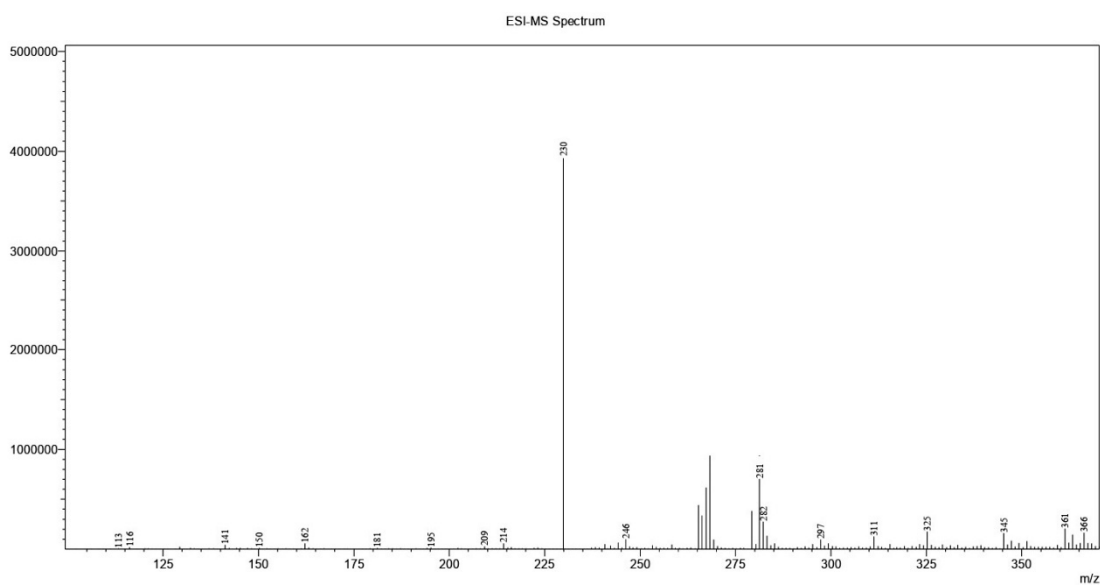
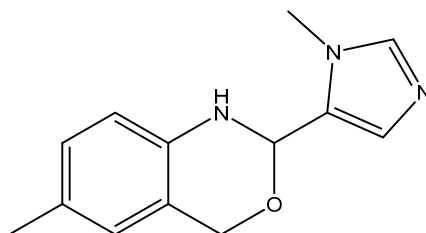


Figure S8: ESI-MS of compound 3e

3f. 4-(6-methyl-2,4-dihydro-1H-benzo[d][1,3]oxazin-2-yl)phenol:

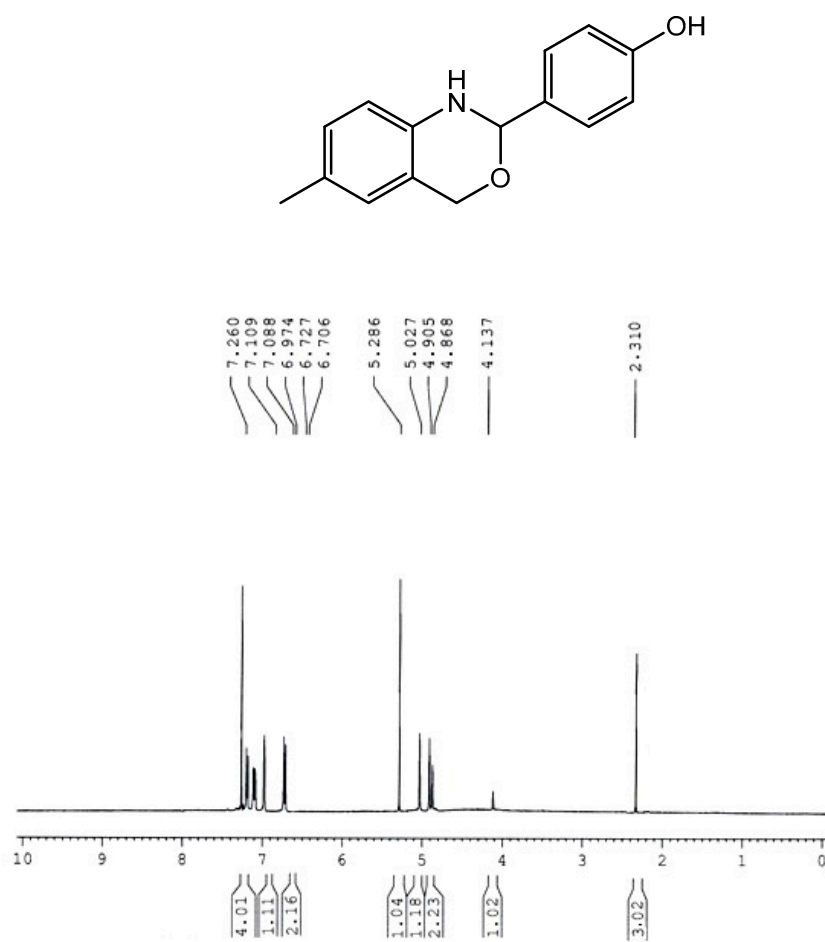
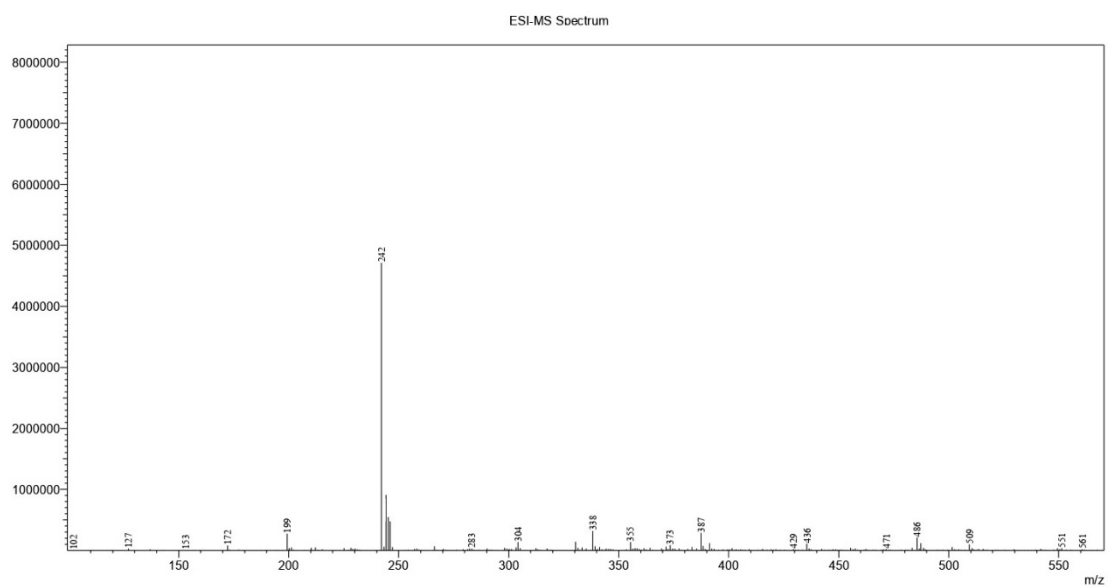
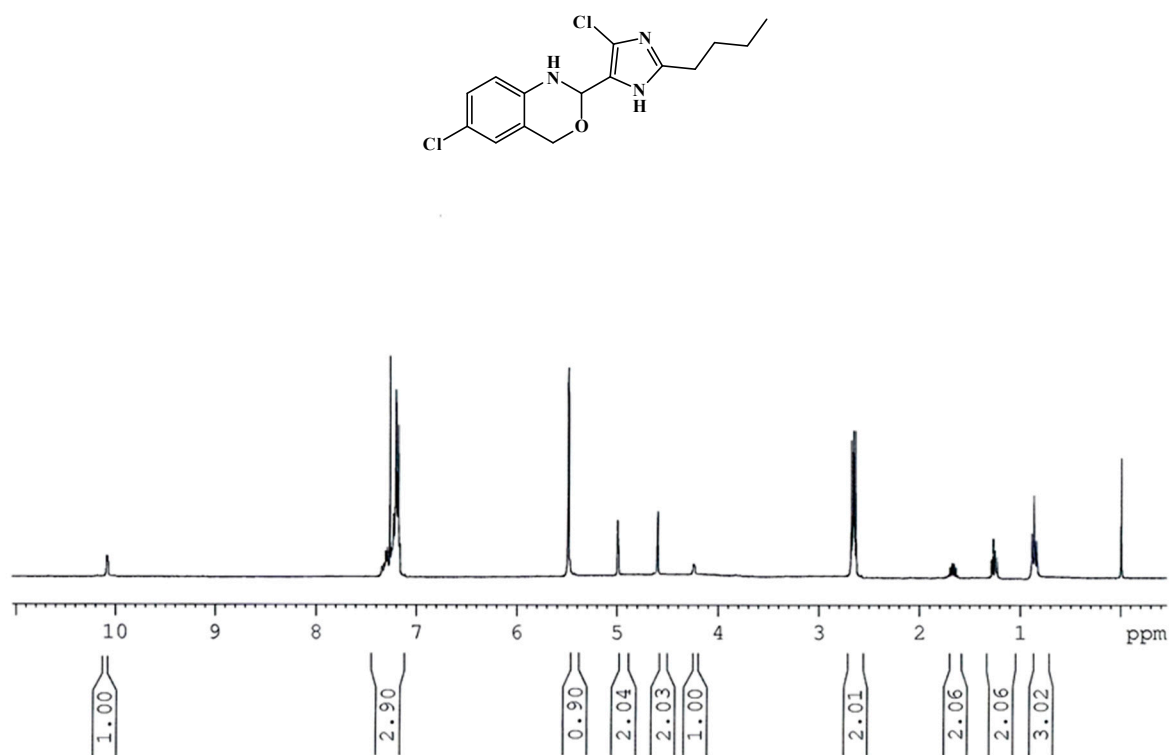
Figure S9: ¹H NMR of compound 3f

Figure S10: ESI-MS of compound 3f

3g. 2-(2-butyl-4-chloro-1H-imidazol-5-yl)-6-chloro-2,4-dihydro-1H-benzo[d][1,3]oxazineFigure S11: ¹H NMR of compound 3g

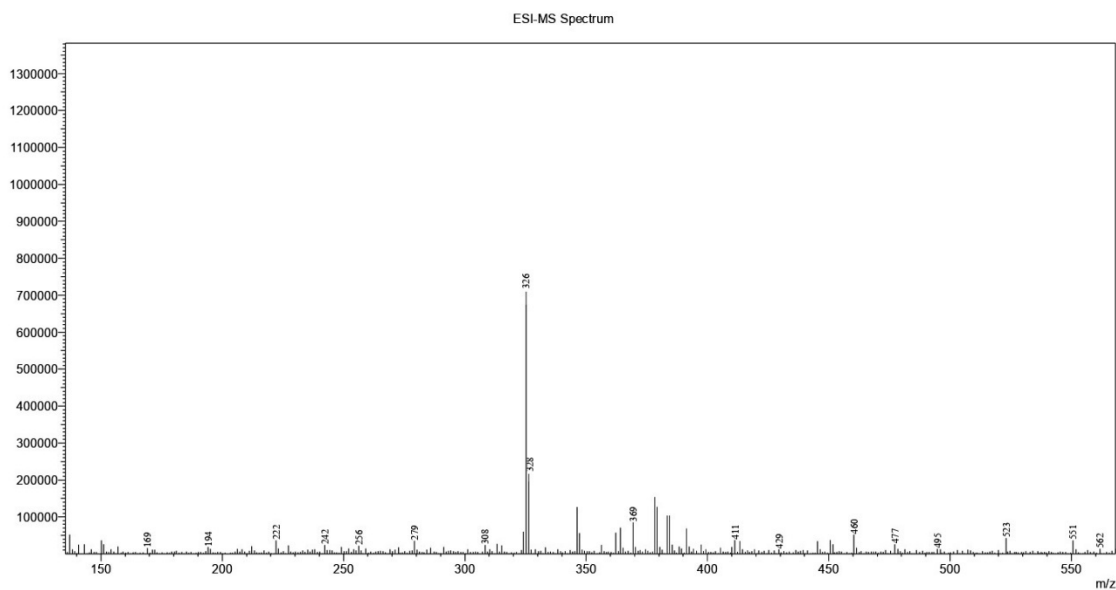


Figure S12: ESI-MS of compound 3g

3h. 2-(2-butyl-4-chloro-1H-imidazol-5-yl)-6-methyl-2,4-dihydro-1H-benzo[d][1,3]oxazine

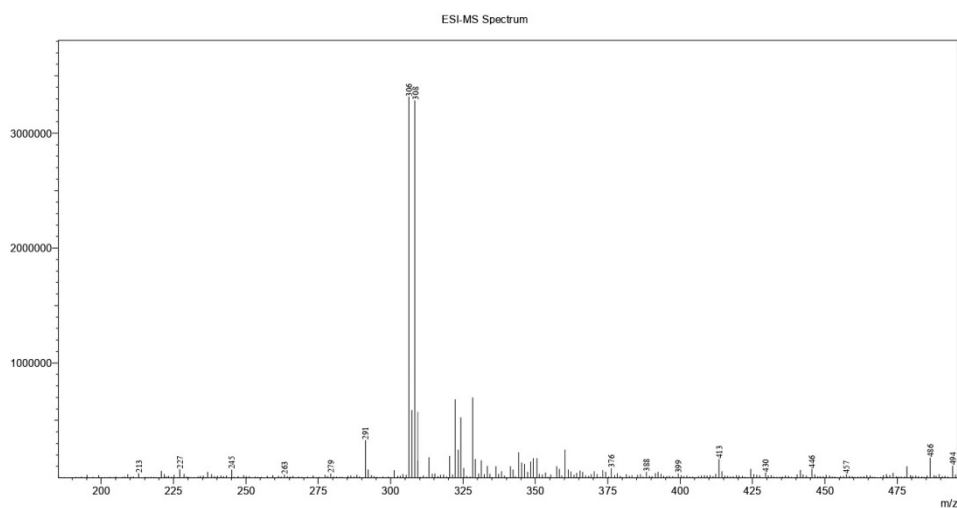
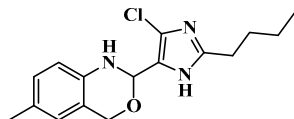
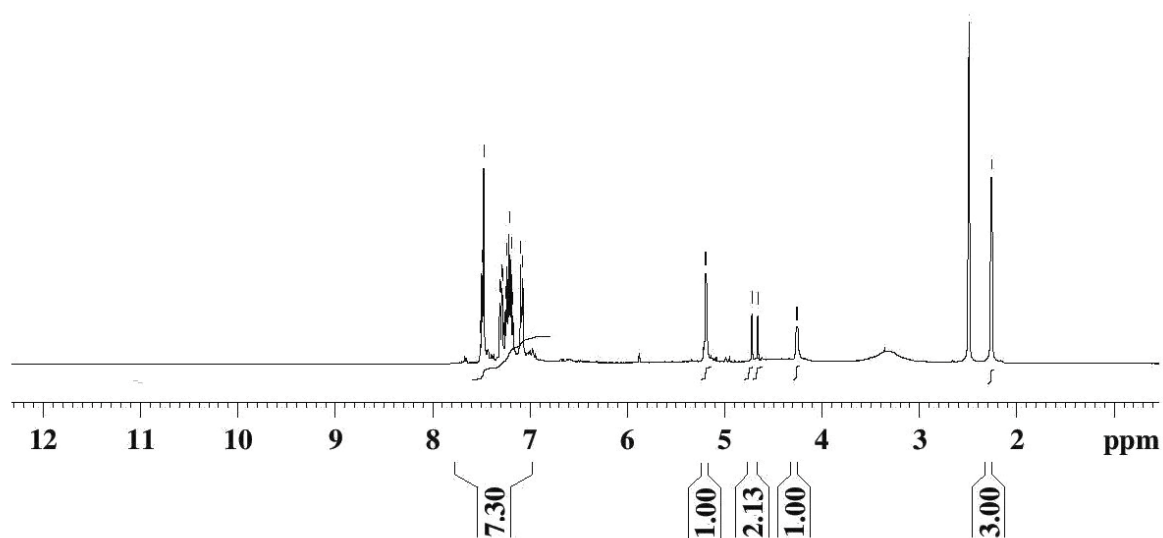
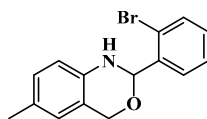


Figure S13: ESI-MS of compound 3h

3i. 2-(2-bromophenyl)-6-methyl-2,4-dihydro-1H-benzo[d][1,3]oxazine:Figure S14: ^1H NMR of compound 3i

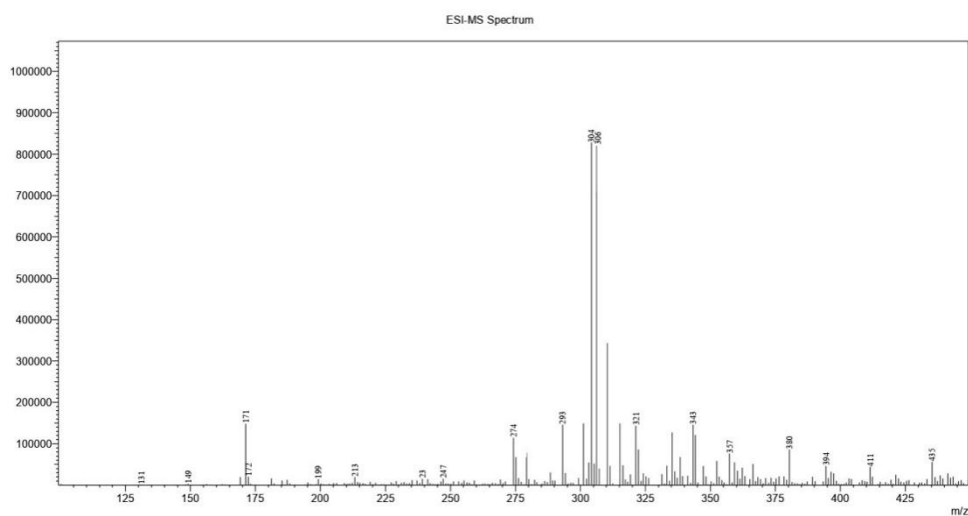
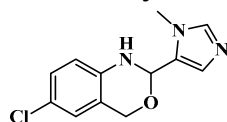


Figure S15: ESI-MS of compound 3i

3j. 6-chloro-2-(1-methyl-1H-imidazol-5-yl)-2,4-dihydro-1H-benzo[d][1,3]oxazine:



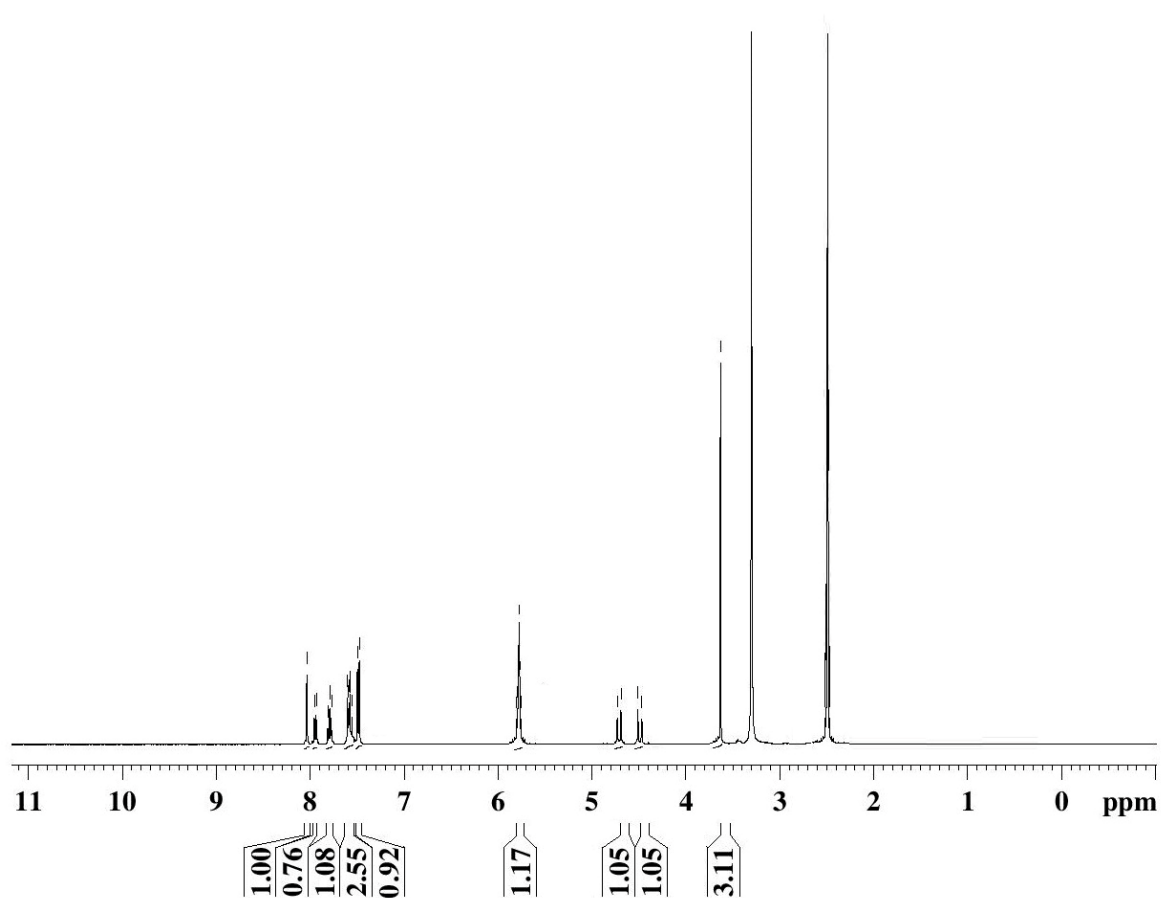
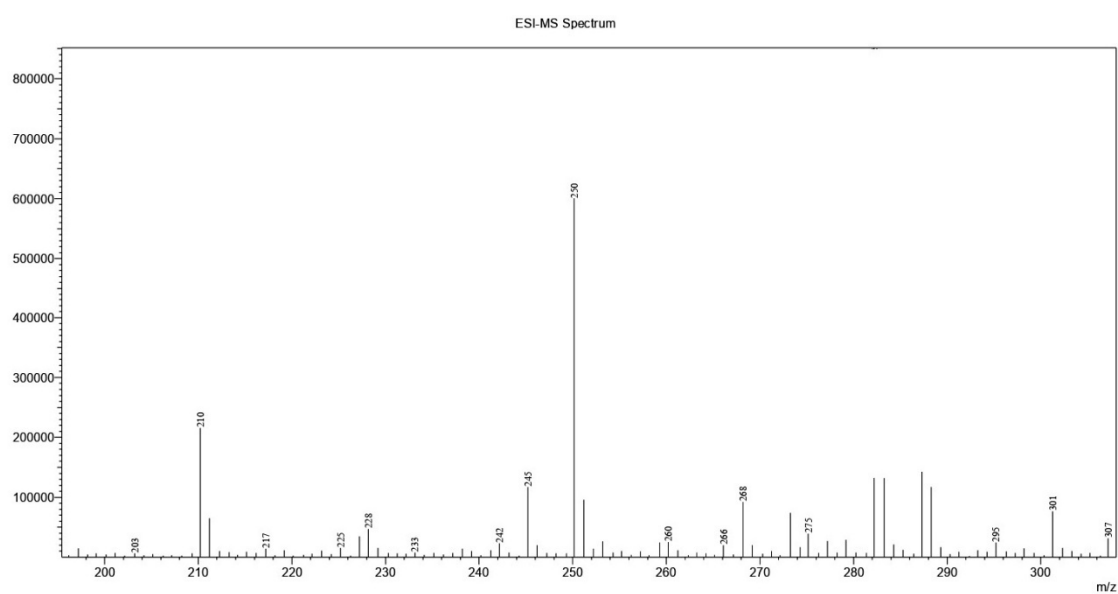
Figure S16: ¹H NMR of compound 3j

Figure S17: ESI-MS of compound 3j