

Supporting information

Design, synthesis and *in combo* antidiabetic bioevaluation of multitarget phenylpropanoic acids

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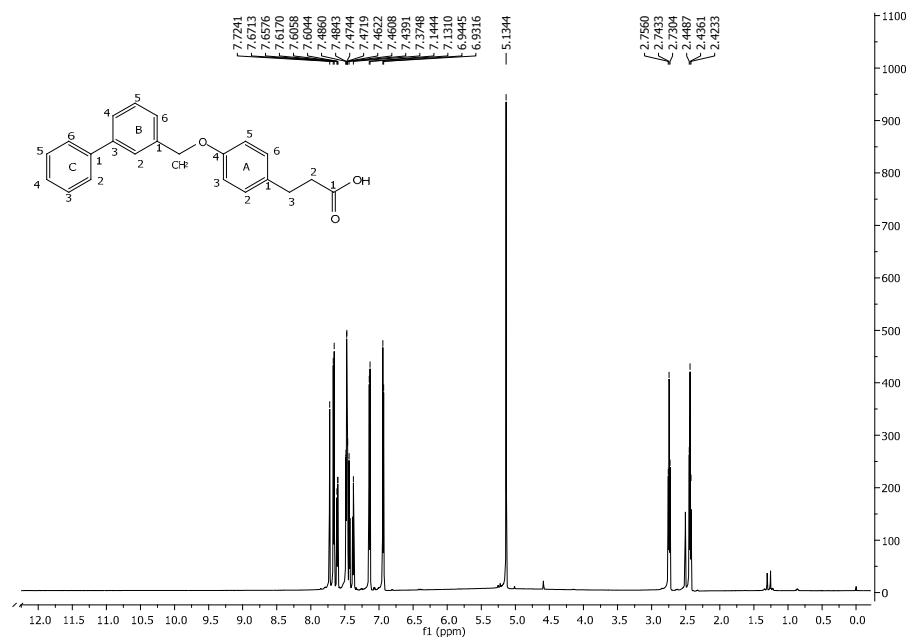
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³ *Cátedra CONACyT, Departamento de Recursos del Mar, Centro de Investigación y de Estudios Avanzados del IPN, Unidad Mérida, 97310, Yucatán, México.*

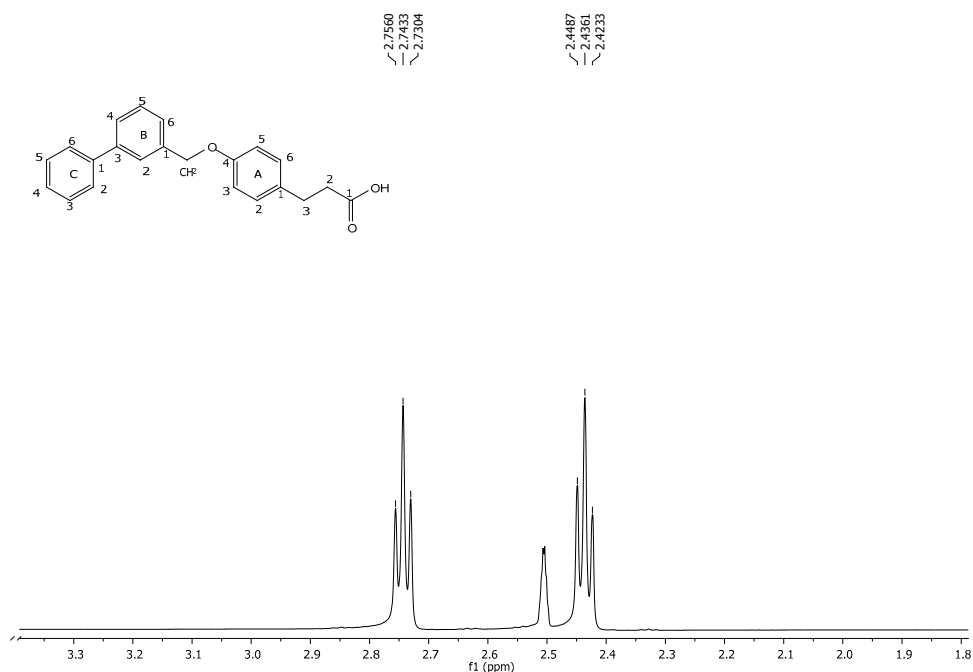
⁴ *CAS Key Laboratory of Receptor Research, the National Center for Drug Screening, Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai 201203, China.*

⁵ *Dipartimento di Biologia, Unità di Biochimica, University of Pisa, Pisa, 56126, Italy.*

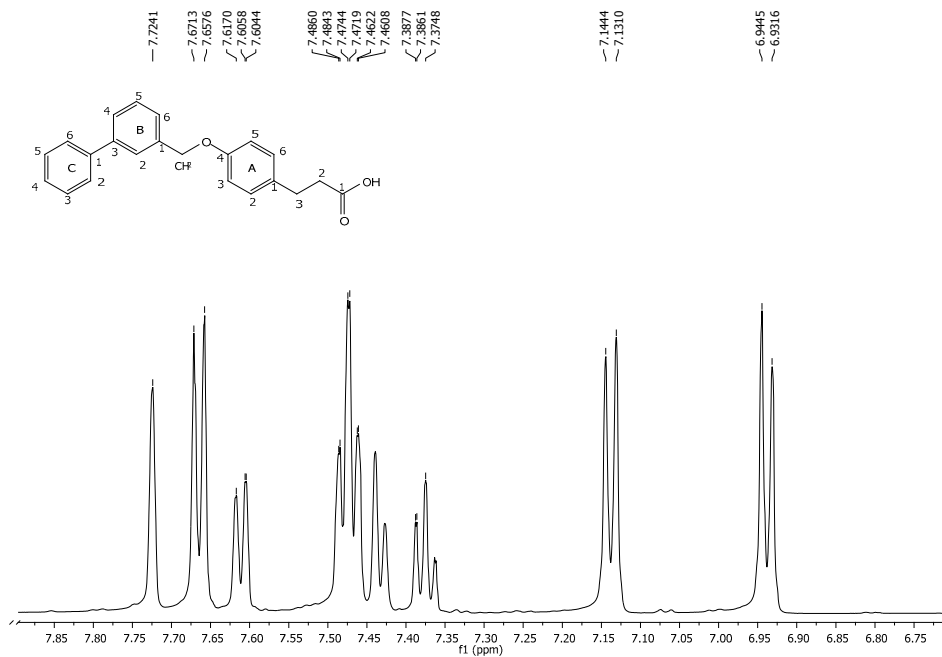
REPRESENTATIVE SPECTRA



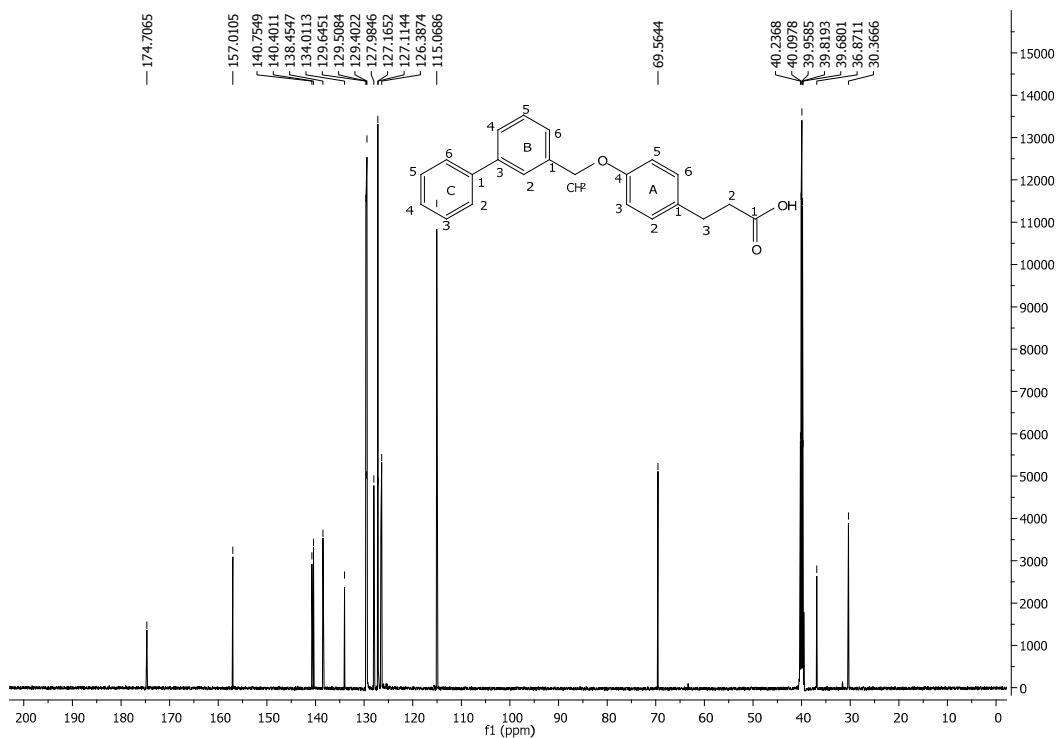
¹H NMR compound 1



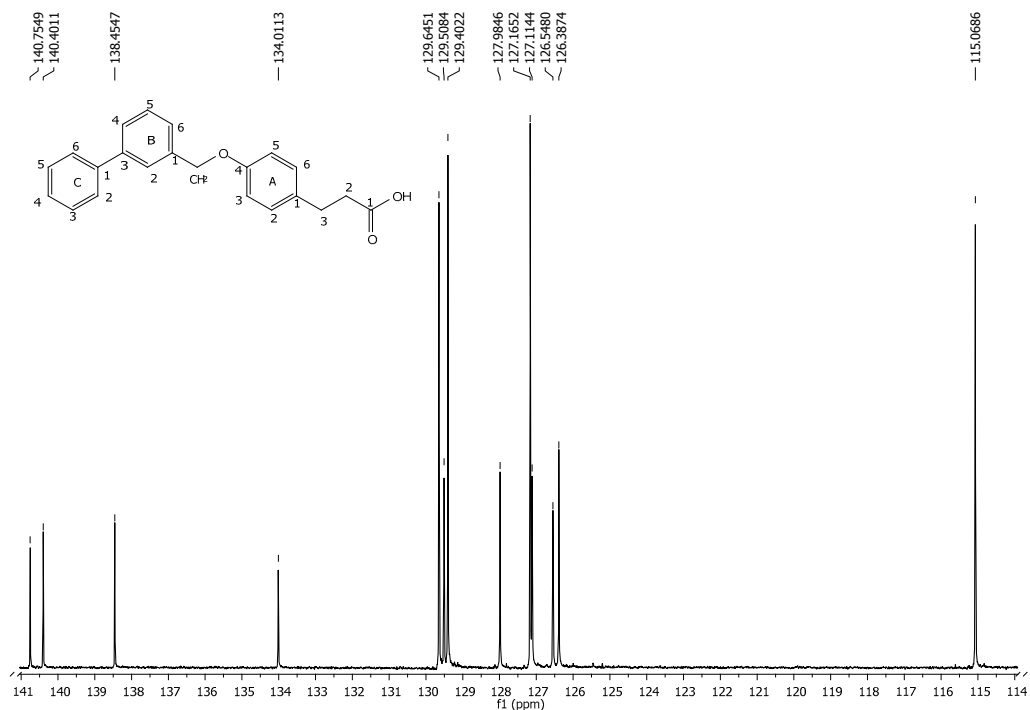
¹H NMR compound 1 (aliphatic zone expansion)



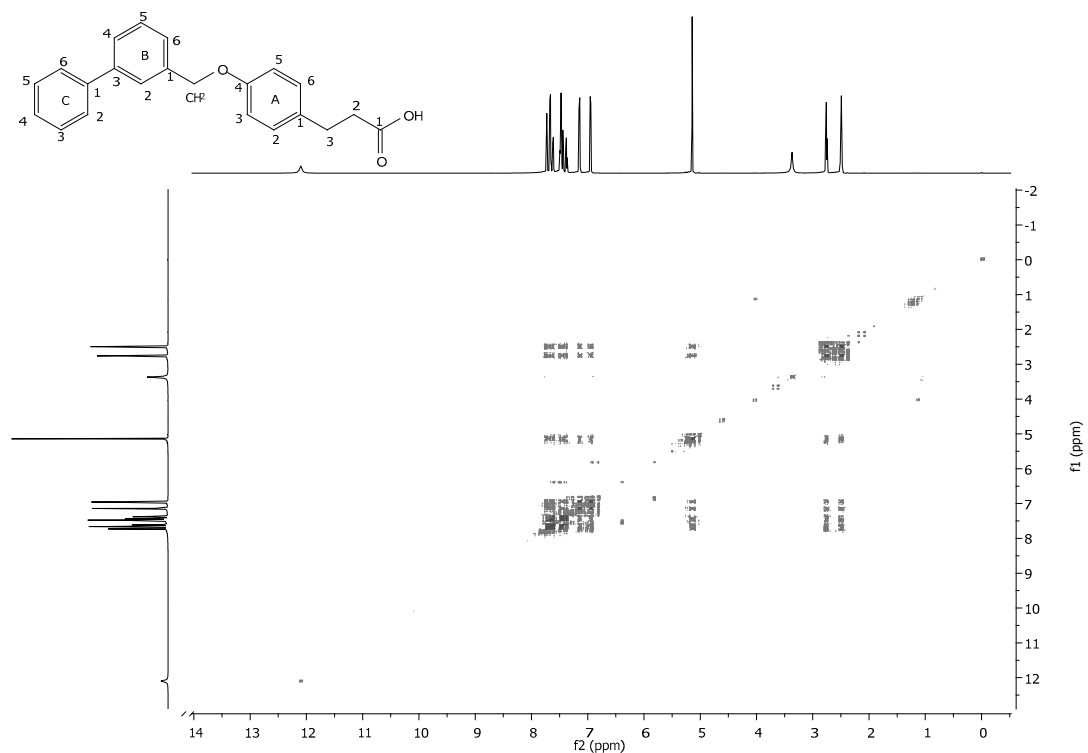
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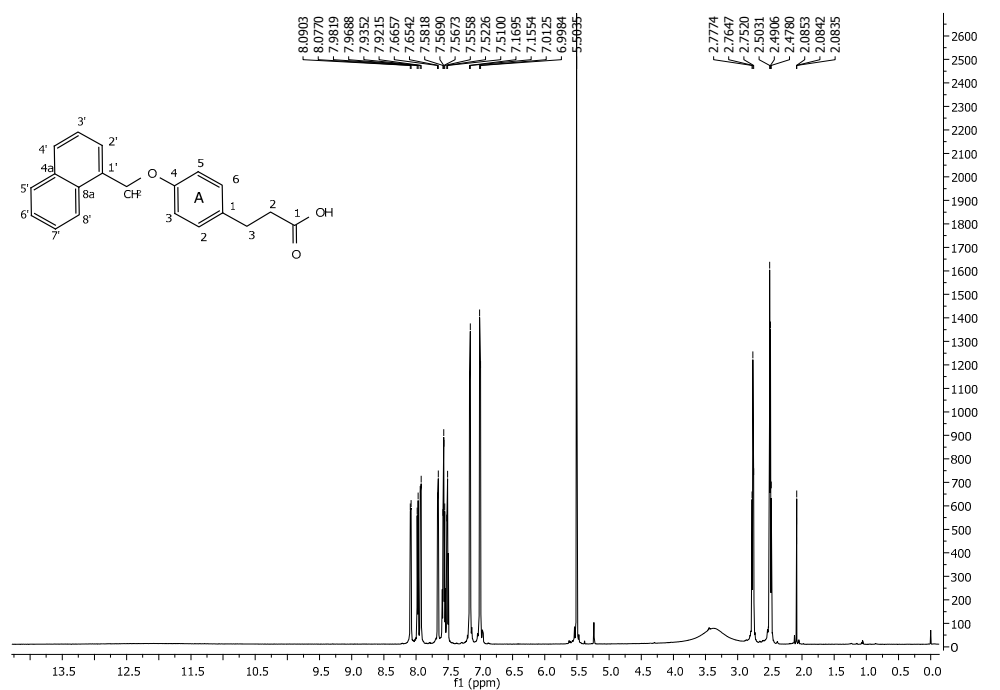
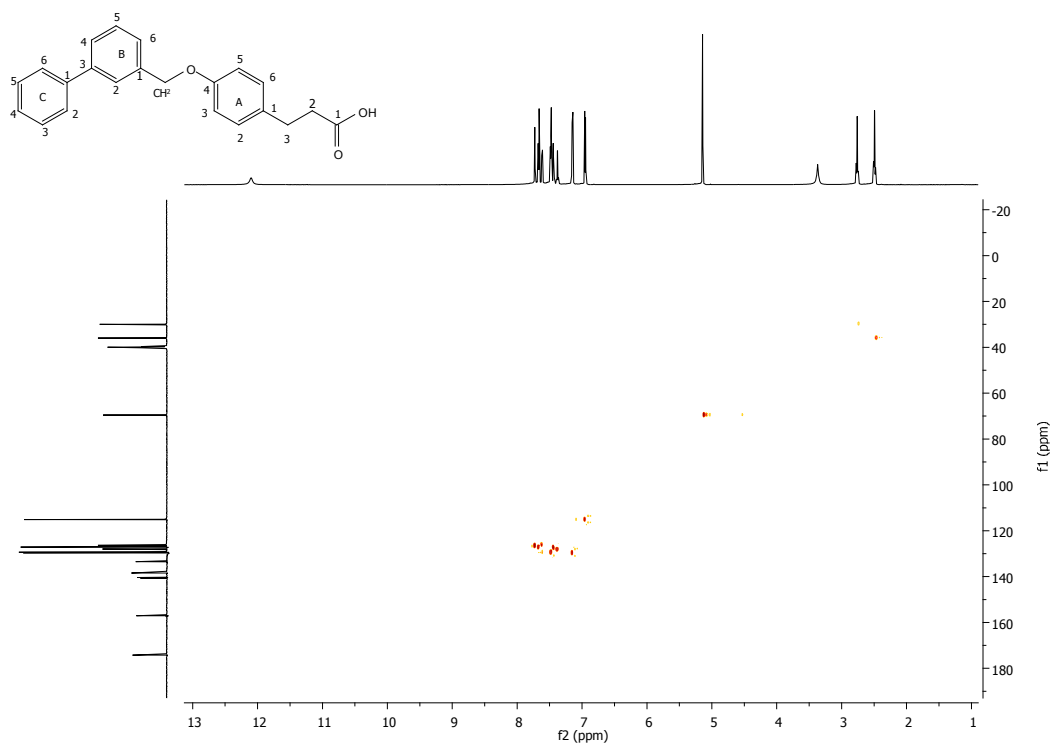
¹³C NMR compound 1

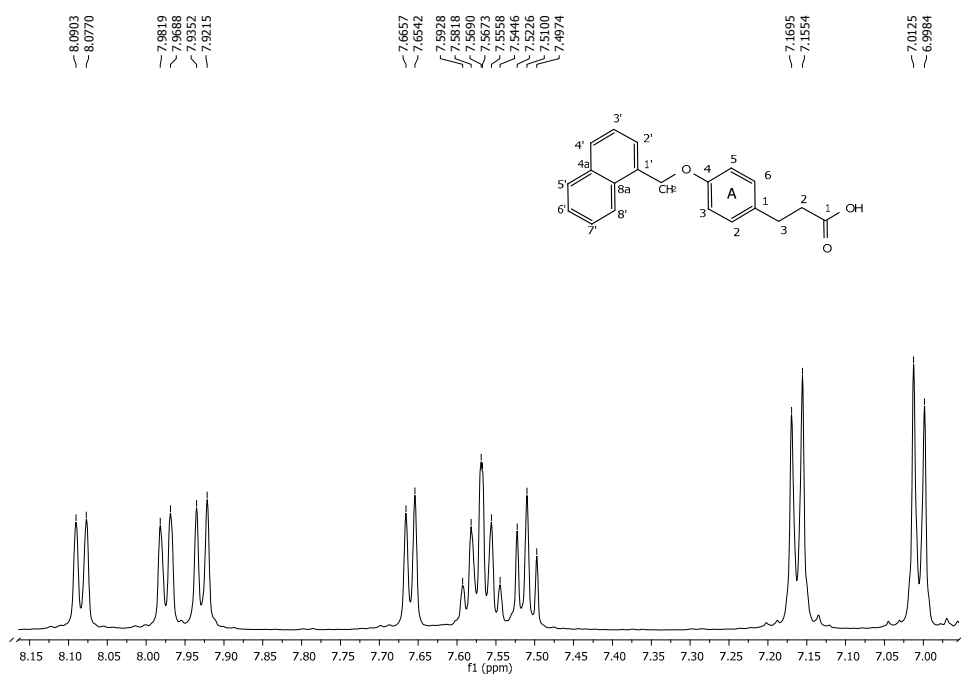


¹³C NMR compound 1 (aromatic zone expansion)

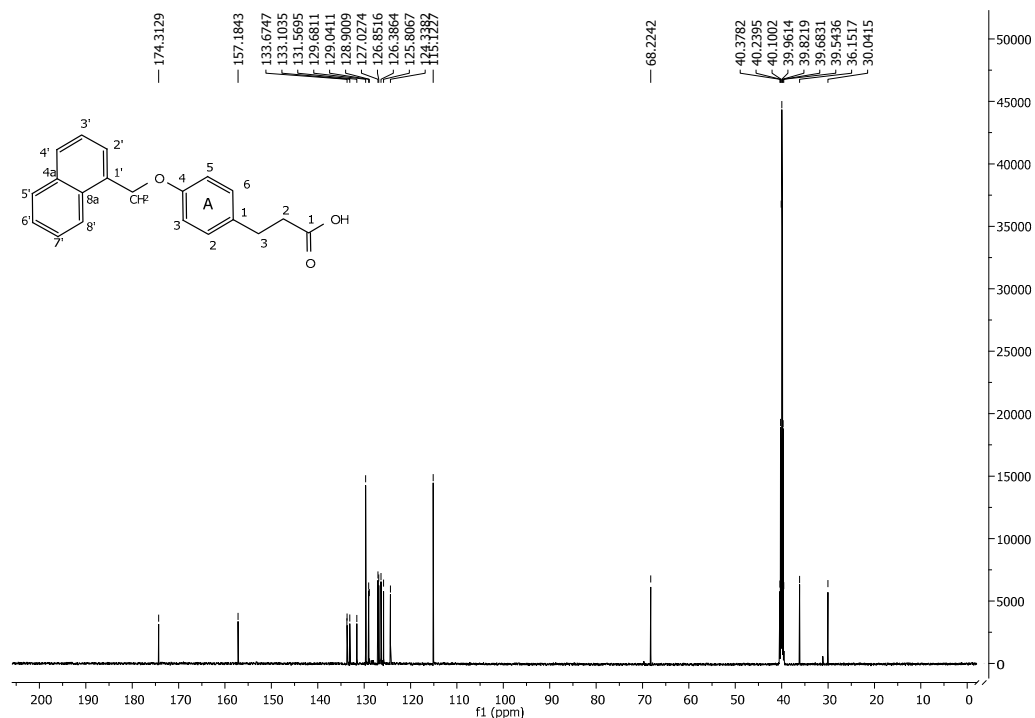


COSY compound 1

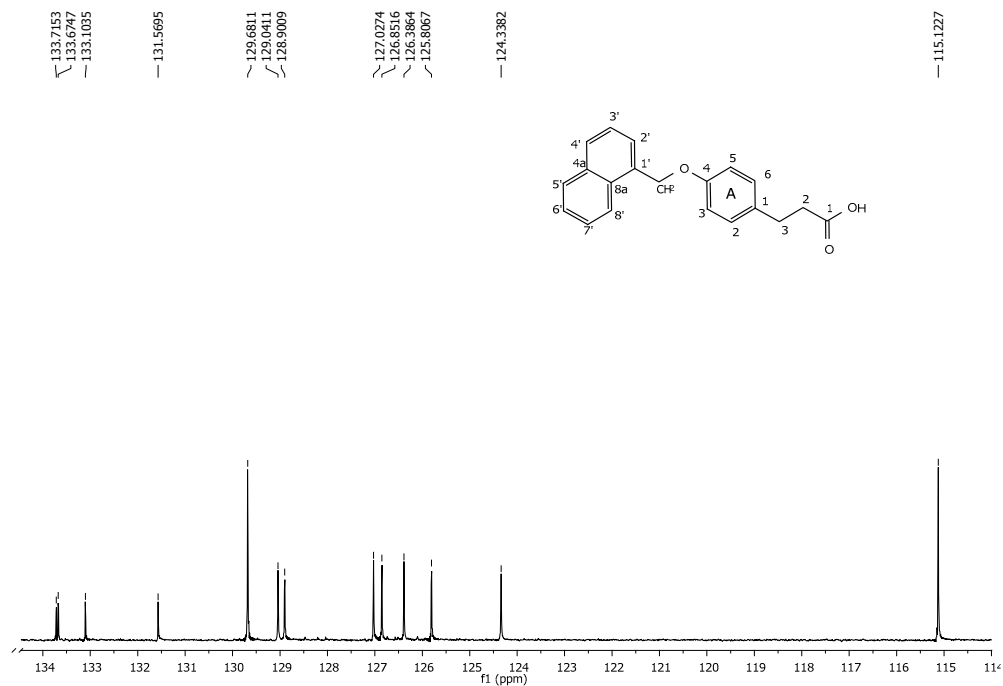




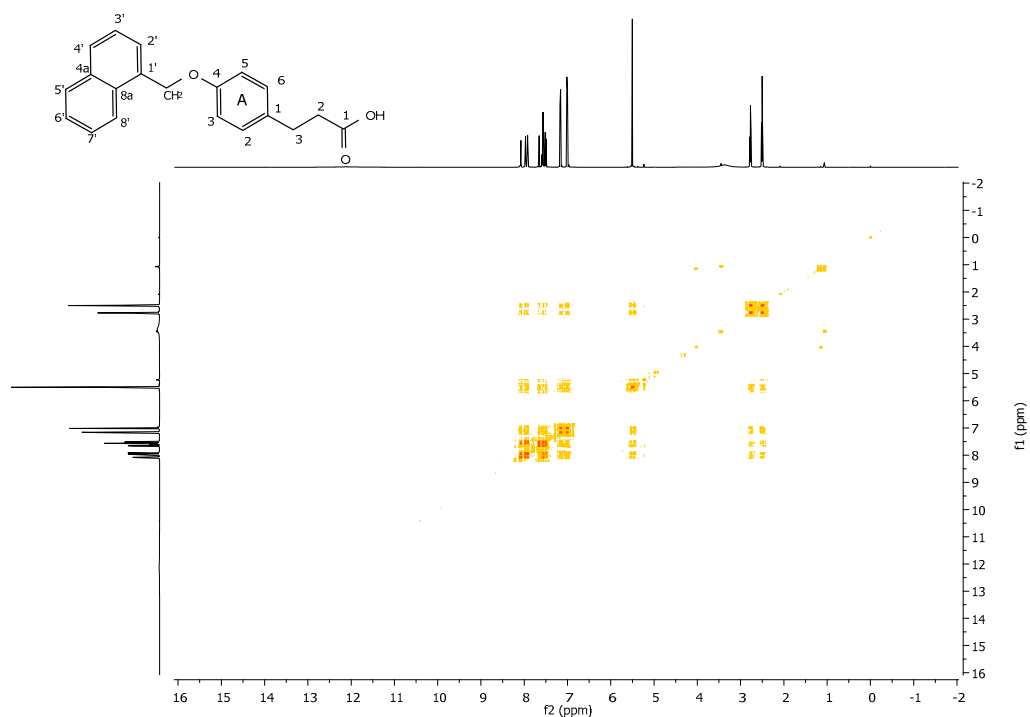
¹H NMR compound 2 (aromatic zone expansion)



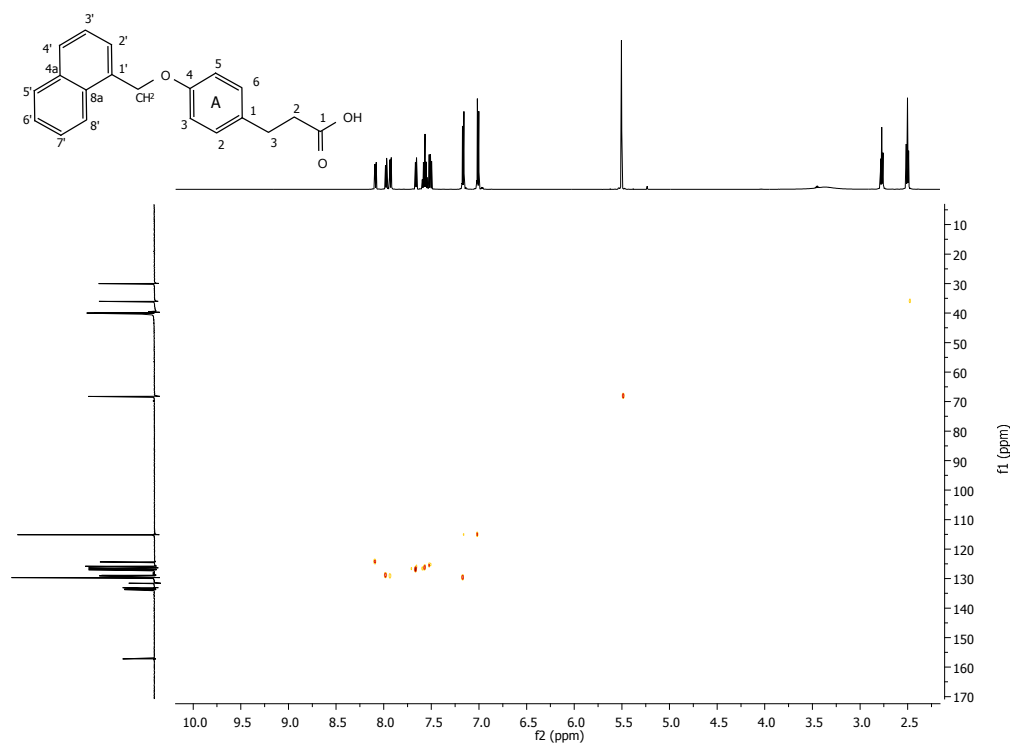
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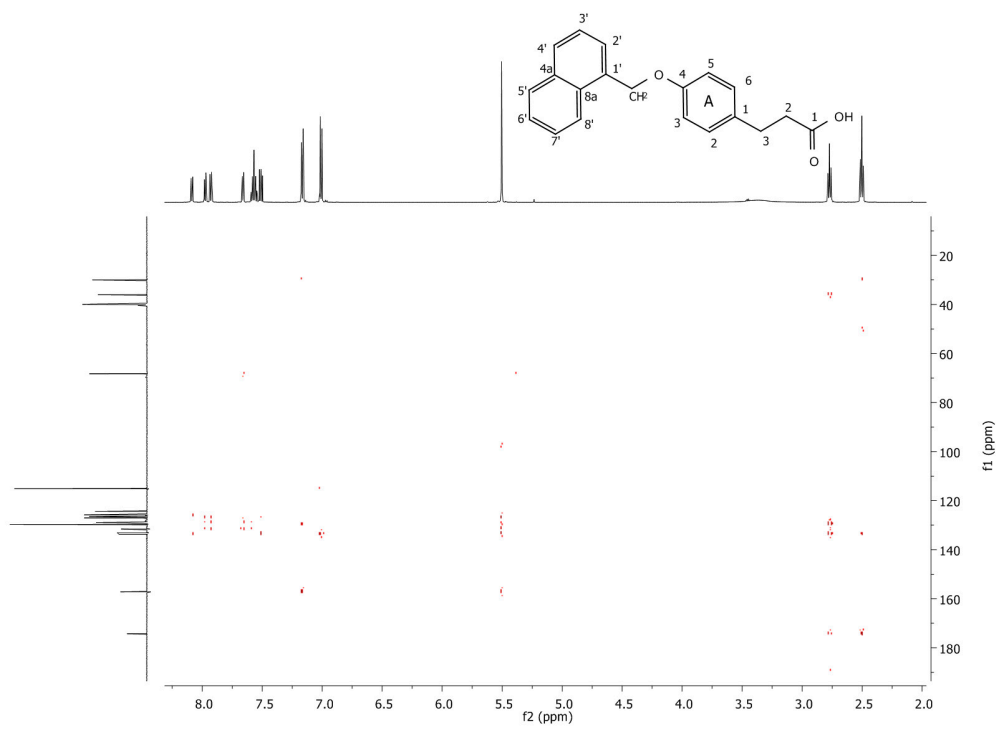
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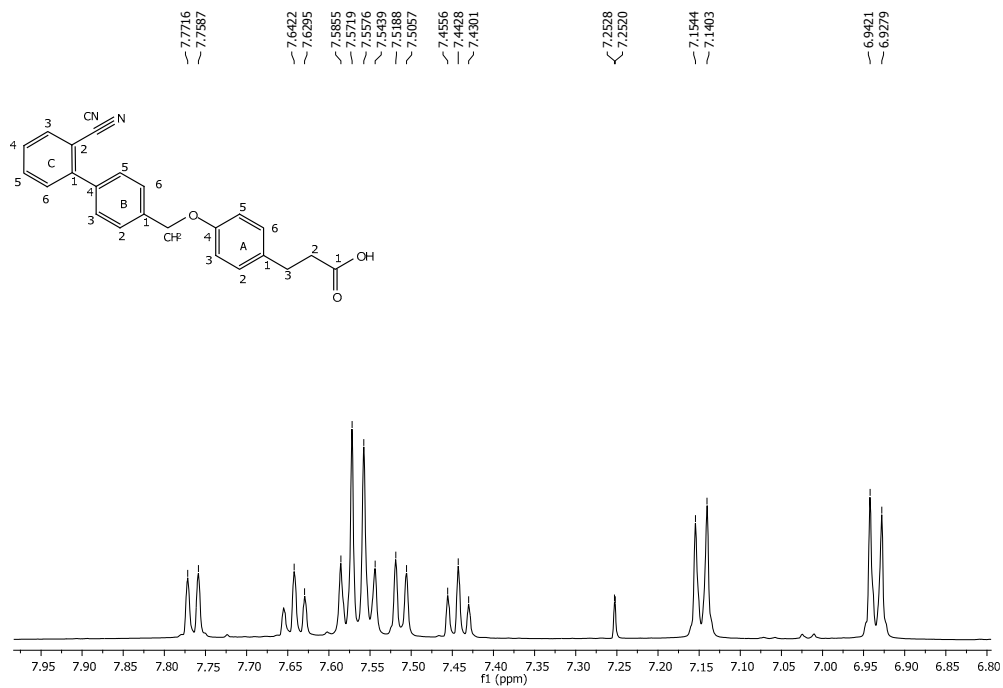
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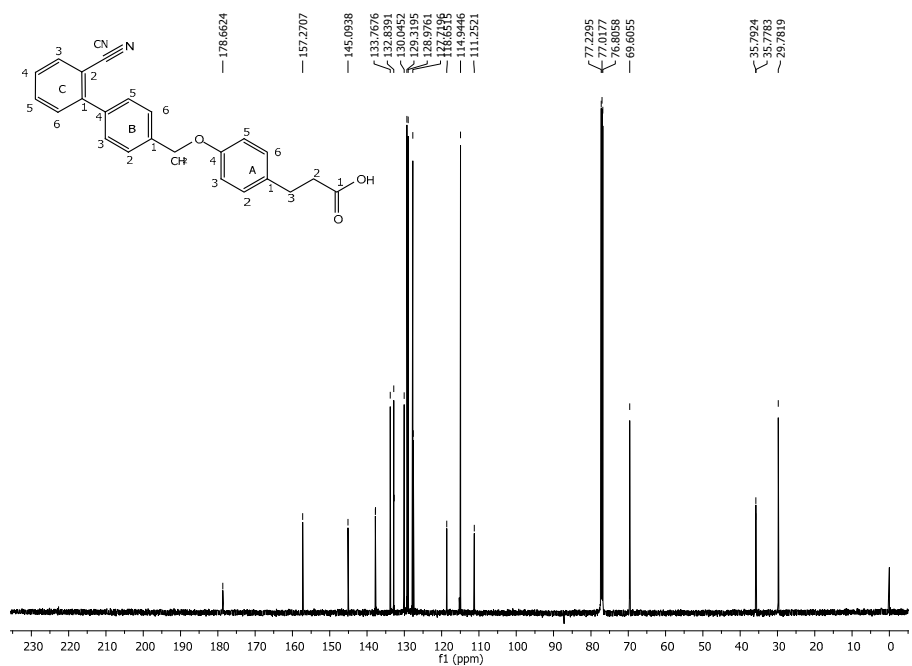
HSQC compound 2



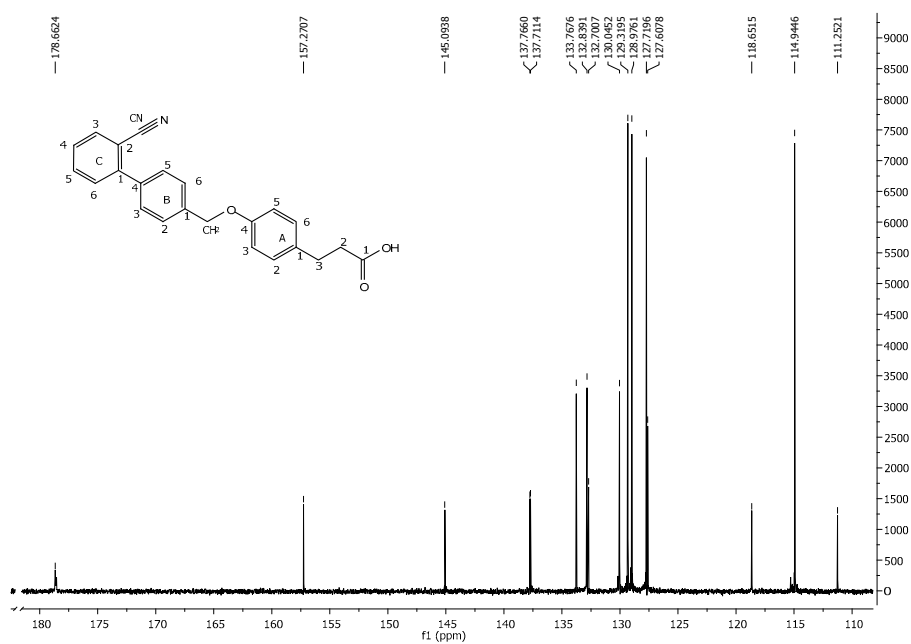
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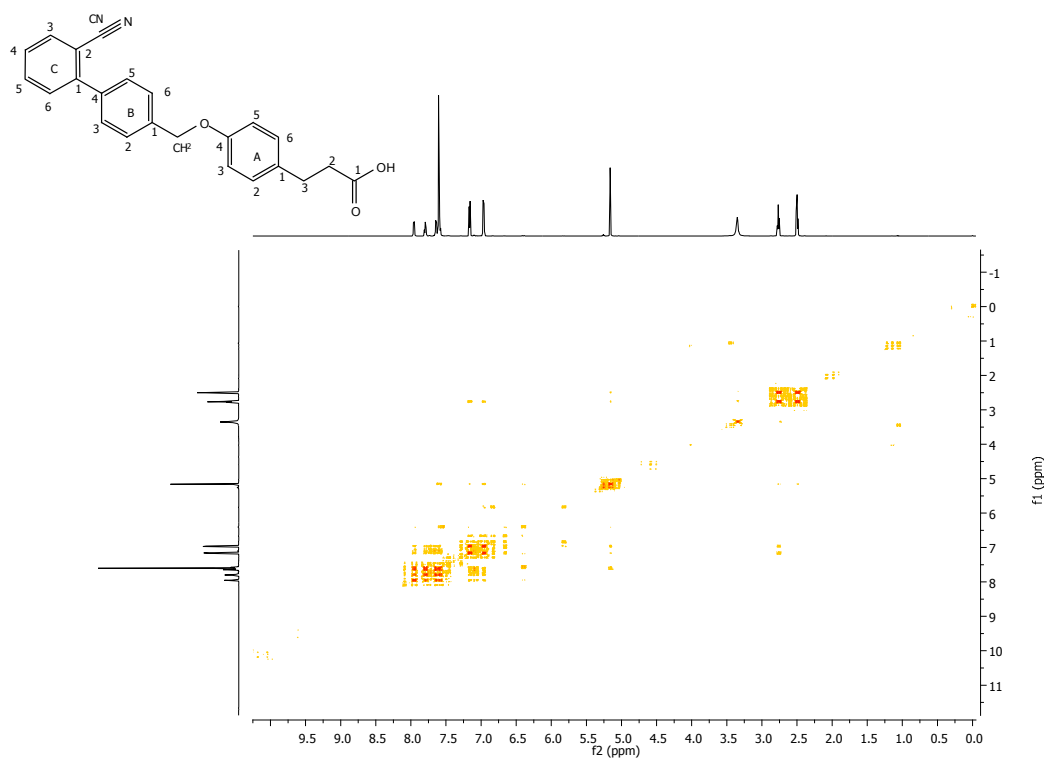
¹H NMR compound 3 (aromatic zone expansion)



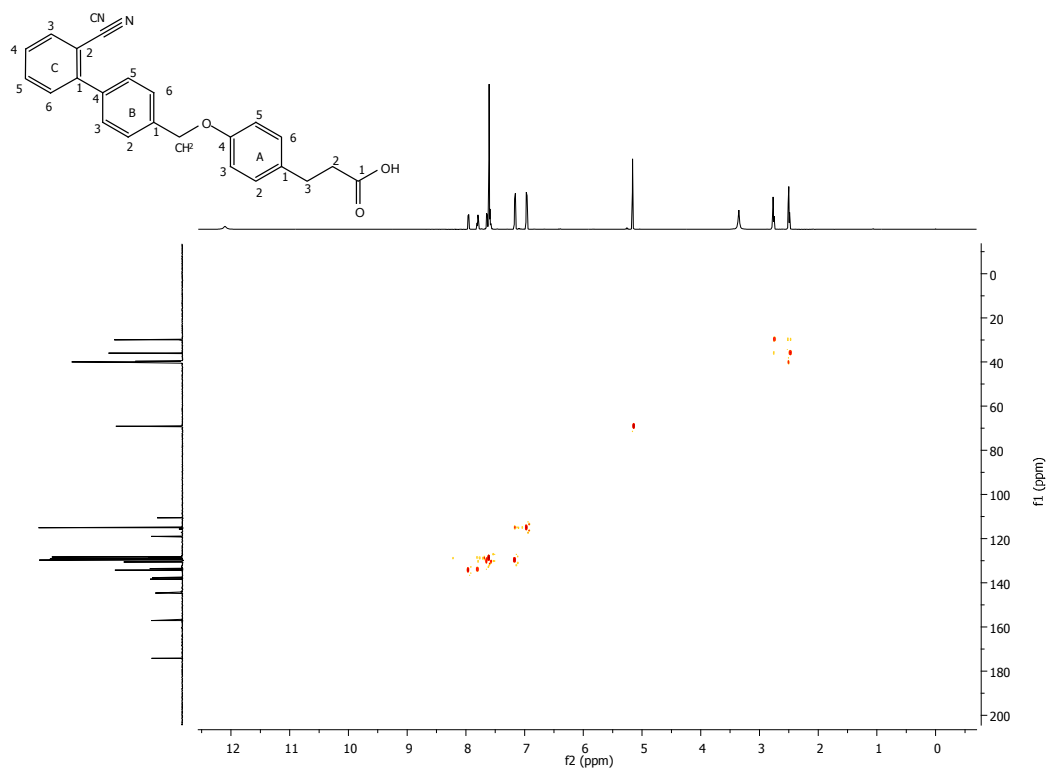
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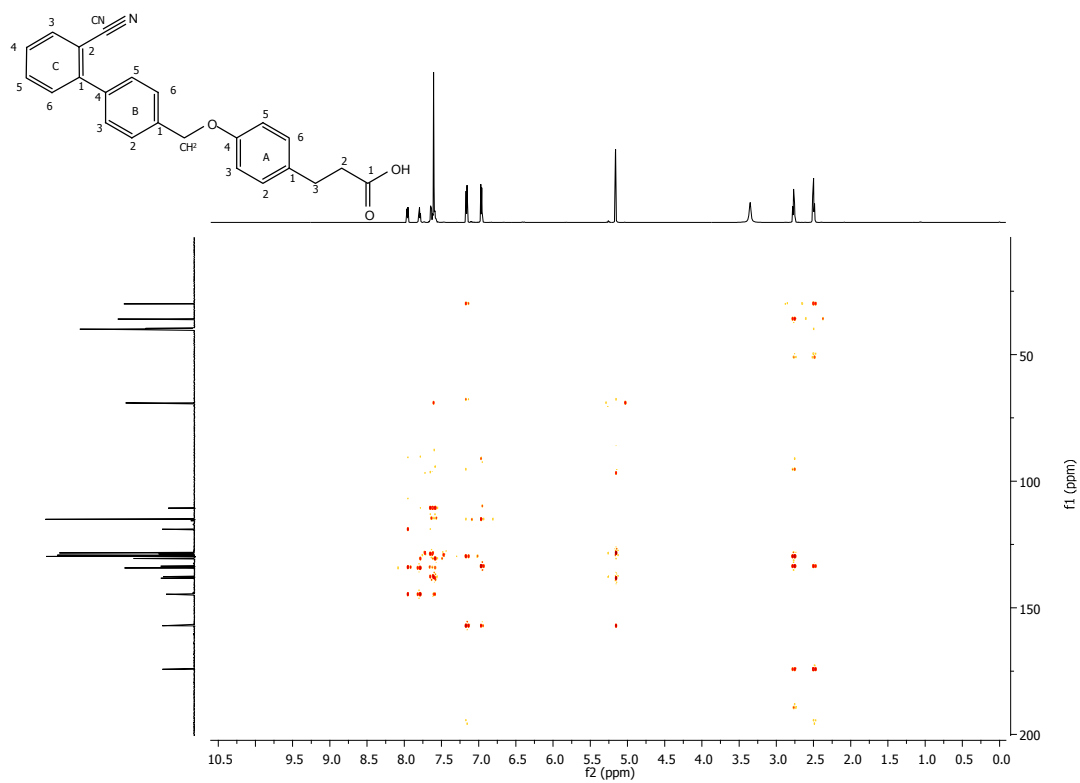
¹³C NMR compound 3 (aromatic zone expansion)



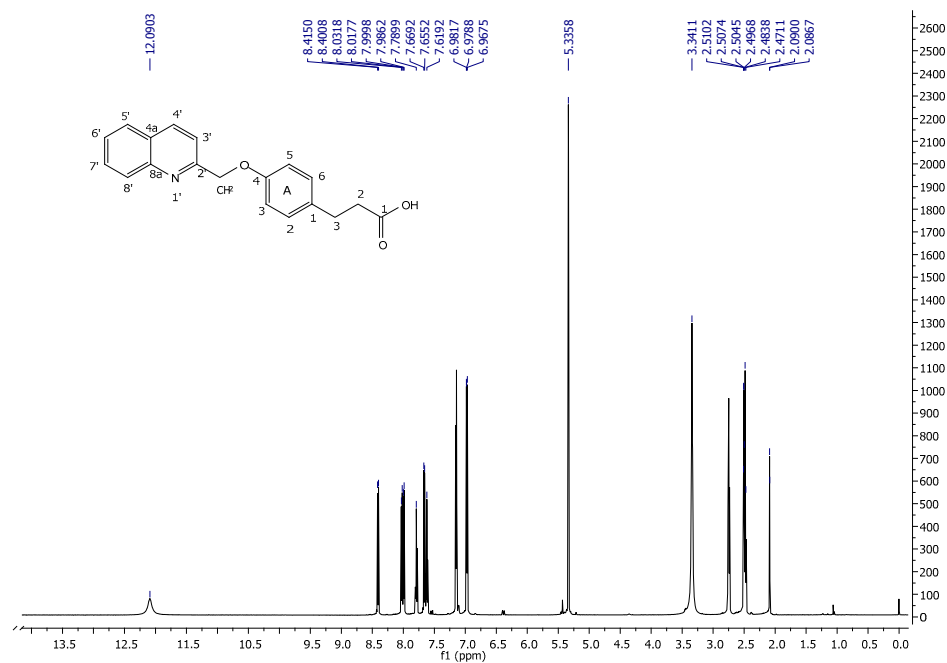
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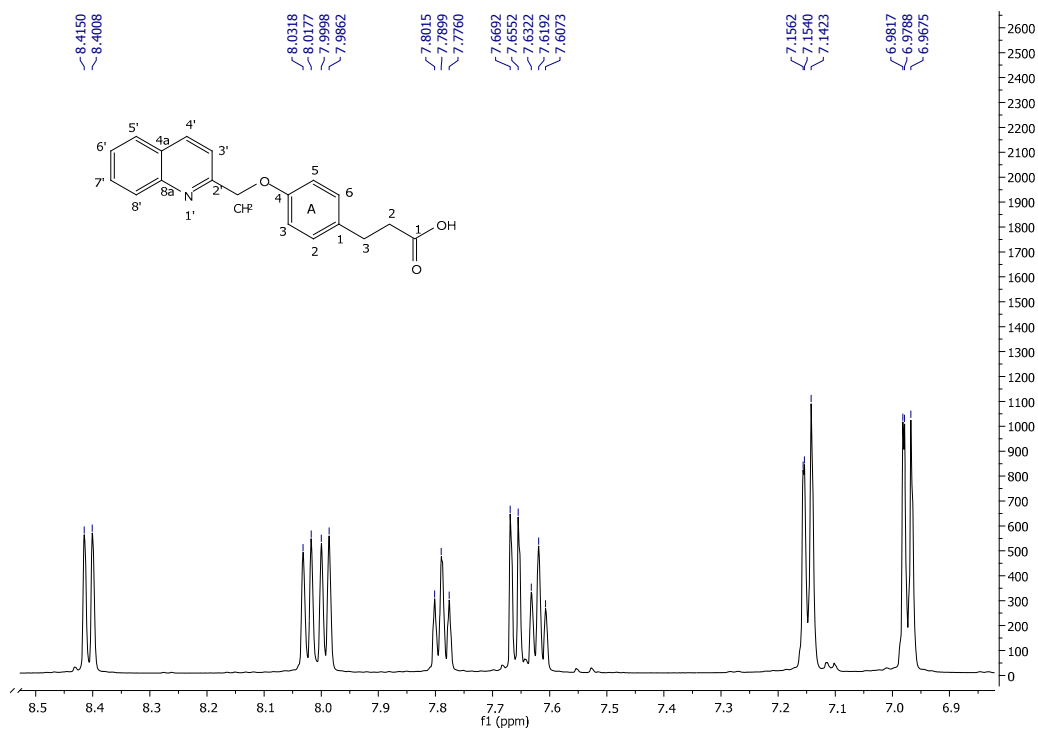
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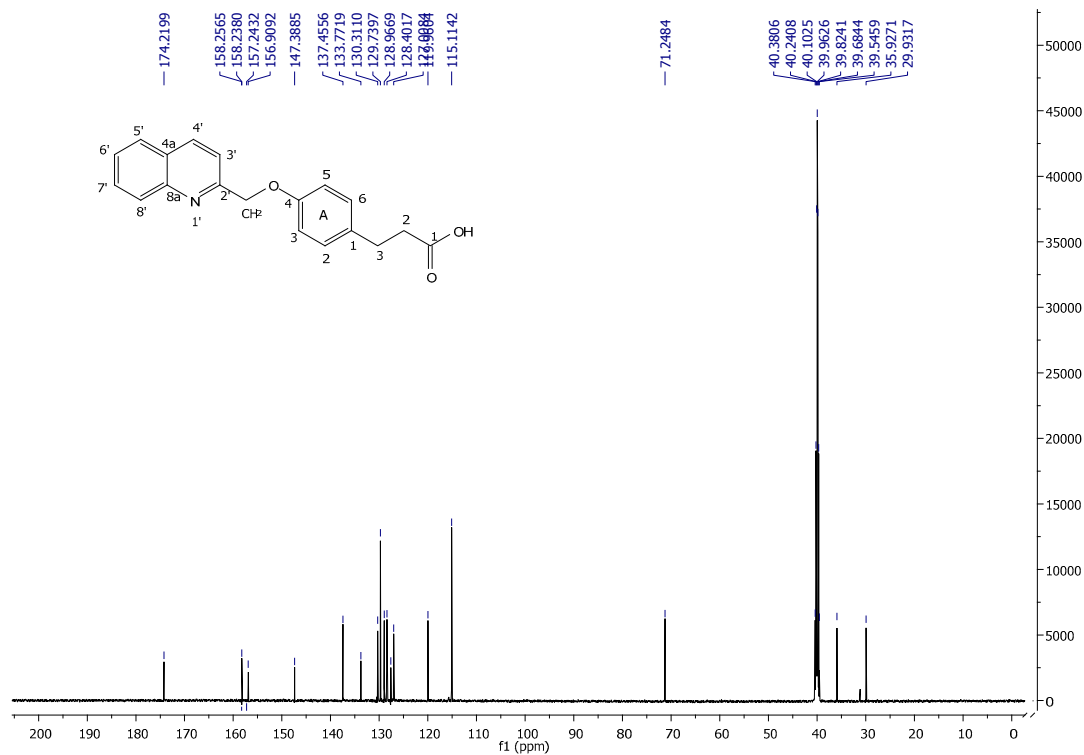
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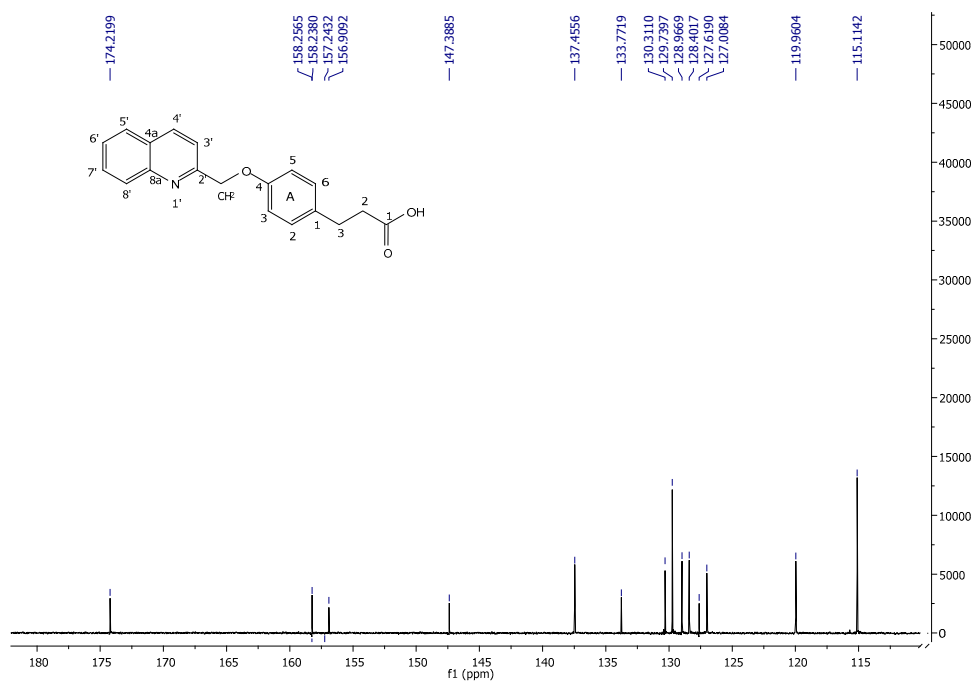
¹H NMR compound 4



¹H NMR compound 4 (aromatic zone expansion)



¹³C NMR compound 4



¹³C NMR compound 4 (aromatic zone expansion)

