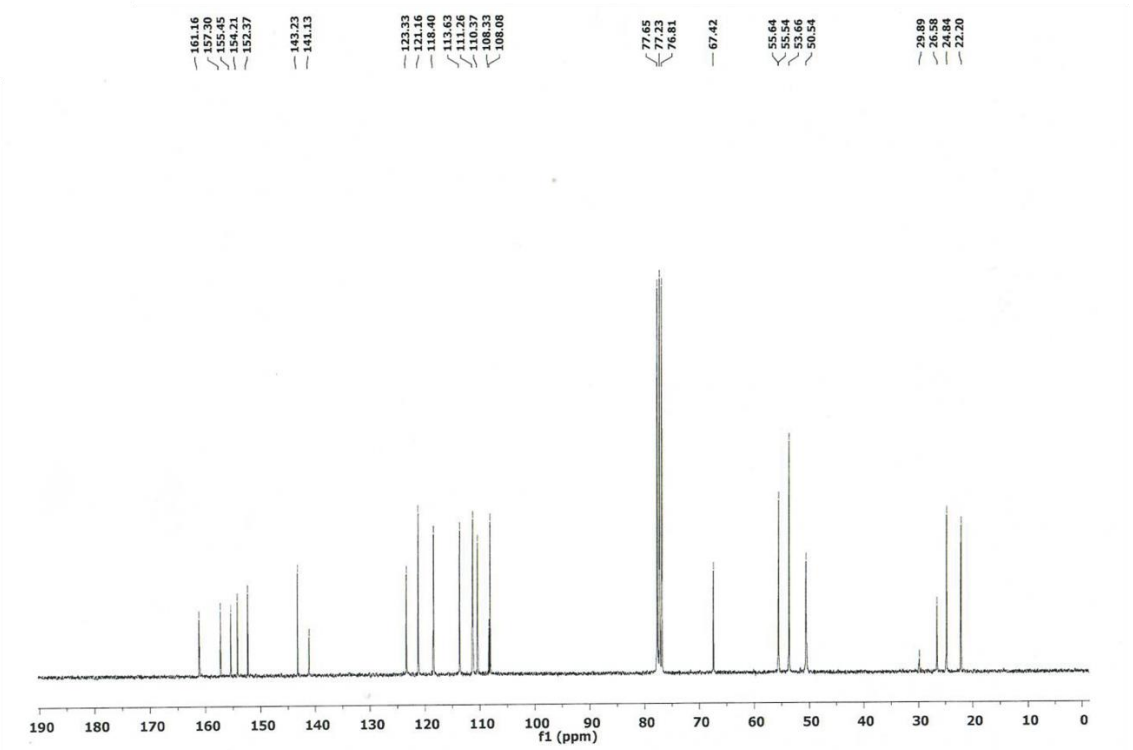
Supplementary material

Coumarin Derivative Hybrids: Novel Dual Inhibitors Targeting Acetylcholinesterase and Monoamine Oxidases for Alzheimer's Therapy

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(a)



(b)

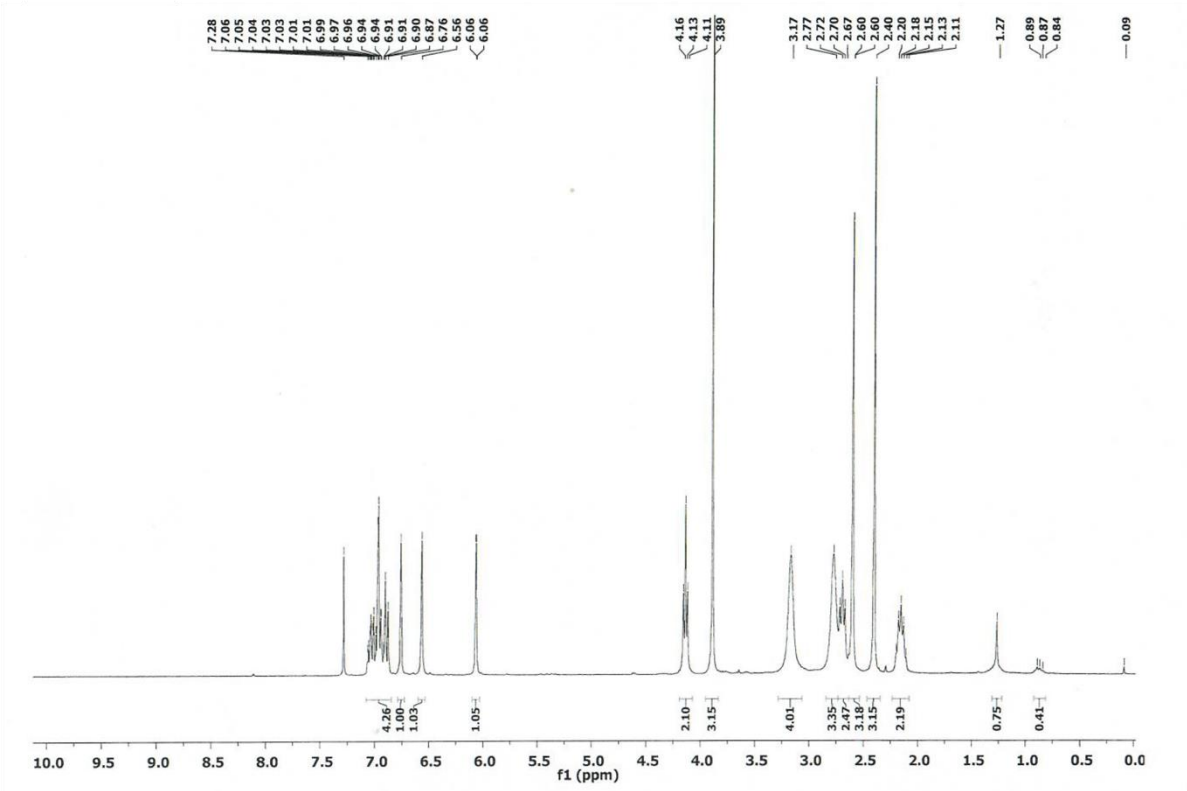


Figure S1. The spectra of 4,7-dimethyl-5-{3-[4-(2-methoxyphenyl)piperazin-1-yl]propoxy}coumarin (**1**). (**a**) ^{13}C CP/MAS NMR and (**b**) ^{1}H NMR.

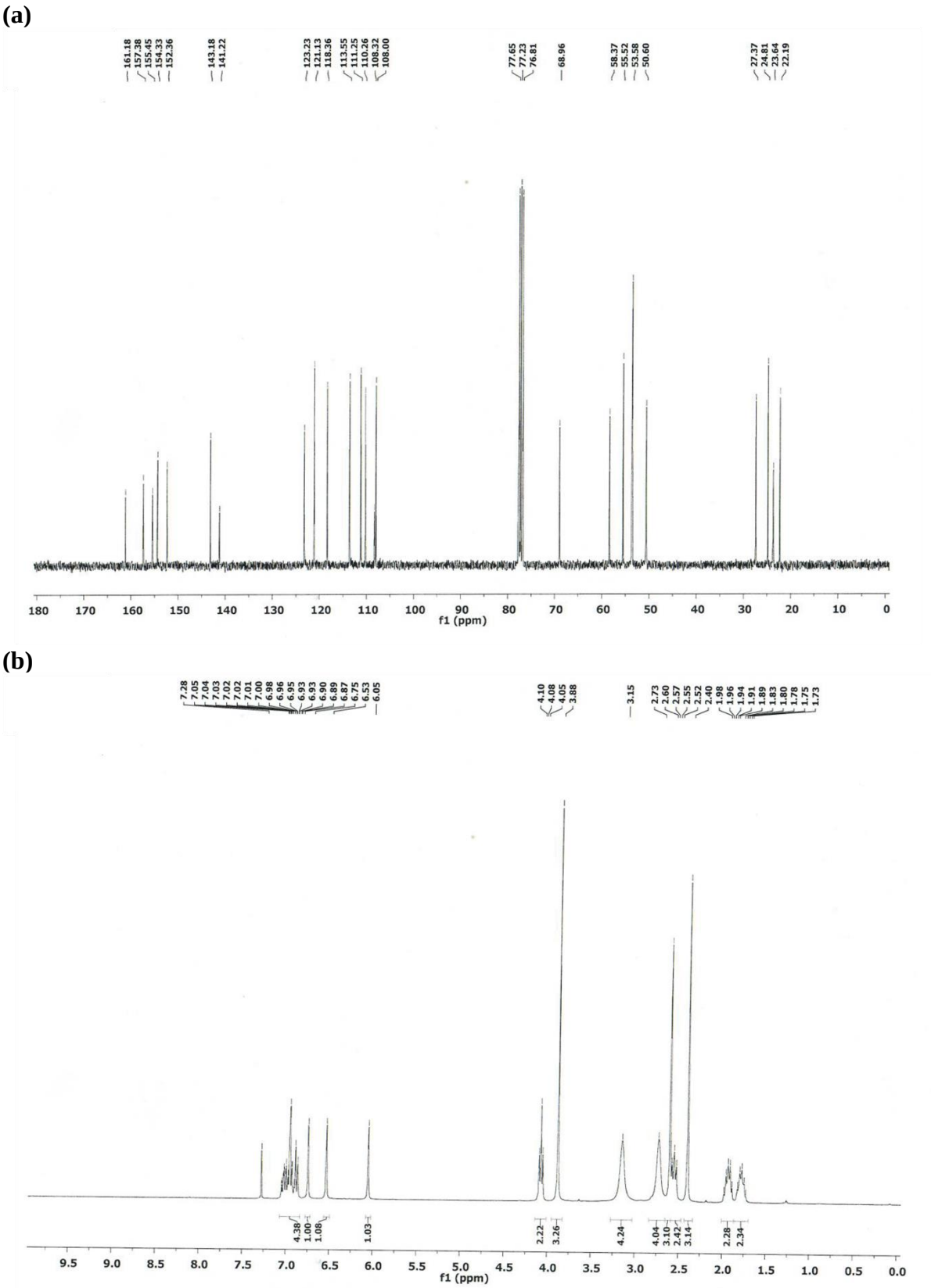


Figure S2. The spectra of 4,7-dimethyl-5-{4-[4-(2-methoxyphenyl)piperazin-1-yl]buthoxy}coumarin (**2**). (**a**) ^{13}C CP/MAS NMR and (**b**) ^{1}H NMR.